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of
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Director, Department of Administrative Services**

**Stephen J. Agostini
Fiscal and Budget Administrator**

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Summary of the 2006 Adopted Capital Improvements
Milwaukee County
November 16, 2005

Adopted County Financing											
<u>Project</u>	<u>Project Description</u>	<u>Capitalized Interest</u>	<u>2006 Adopted</u>	<u>Reimbursement Revenue</u>	<u>Net County Financing</u>	<u>Sales Tax Revenues</u>	<u>Investment Earnings</u>	<u>Private Contribution¹</u>	<u>Property Tax Revenue</u>	<u>PFC/Reserve Revenue</u>	<u>Bonds</u>
TRANSPORTATION AND PUBLIC WORKS											
Airports											
WA006	GMIA - C Concourse Gate Expansion	\$ -	23,980,000	-	23,980,000						23,980,000
WA014	GMIA - Airfield Pavement Joint Repair		588,775	515,178	73,597					73,597	-
WA042	GMIA - Bag Claim Building Remodeling - Design		1,695,750	-	1,695,750					1,695,750	-
WA046	LJT - Security Improvements		119,505	116,517	2,988					2,988	-
WA047	GMIA - Outer Taxiway Extension		1,987,832	1,739,353	248,479					248,479	-
WA061	GMIA - Concourse E - Stem Remodeling and Electrical Service Upgrade		9,320,299	-	9,320,299						9,320,299
WA072	LJT - Runway & Taxiway Crack Repair & Sealcoating		399,168	389,189	9,979					9,979	-
WA083	GMIA - North FBO Apron Reconstruction		1,861,115	1,628,476	232,639						232,639
WA084	GMIA - Cessna Apron Addition		417,965	365,719	52,246						52,246
WA085	GMIA - West Perimeter Road Reconstruction		460,041	402,536	57,505					57,505	0
WA	Total Airports	\$ -	\$ 40,830,450	\$ 5,156,968	\$ 35,673,482	\$ -	\$ -	\$ -	\$ -	\$ 2,088,298	\$ 33,585,184
Highways & Bridges											
WH010	County Highway Action Program (CHAP) - South 76th St. (Puetz to Imperial)		760,000	684,000	76,000						76,000
WH030	Bridge Replacement Program	\$ -	\$ 2,760,000	\$ 2,208,000	\$ 552,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 552,000
WH082	National Highway System - West Rawson	\$ -	\$ 1,973,200	\$ 1,578,560	\$ 394,640	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 394,640
WH083	West Silver Spring Drive (North 124th Street to North 69th Street)		1,112,000	895,600	216,400						216,400
WH084	South 76th Street (West Parkview Drive to West Oklahoma Avenue)		-	-	-						-
WH201	North Port Washington Road (Good Hope Road to Laramie Lane)		1,790,000	1,611,000	179,000						179,000
WH	Total Highways & Bridges	\$ -	\$ 8,395,200	\$ 6,977,160	\$ 1,418,040	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,418,040
Mass Transit											
WT011	Bus Replacement Program - Orion Buses	\$ -	\$ 2,600,000	2,152,900	447,100						447,100
WT034	On-Bus Camera Systems		1,560,000	1,248,000	312,000						312,000
WT035	Replace Air Units at Fond du Lac Garage		300,000	240,000	60,000						60,000
WT	Total Mass Transit	\$ 0	\$ 4,460,000	\$ 3,640,900	\$ 819,100	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 819,100
Environmental											
WV009	Countywide Sanitary Sewer Repairs	\$	960,994	-	960,994						\$ 960,994
WV011	Bradford Beach Storm Water Outfalls Relocation	\$ -	1,314,500	-	1,314,500						1,314,500
WV	Total Environmental	\$ -	\$ 2,275,494	\$ -	\$ 2,275,494	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,275,494
Total Transportation & Public Works											
		\$ -	\$ 55,961,144	15,775,028	\$ 40,186,116	\$ -	\$ -	\$ -	\$ -	\$ 2,088,298	\$ 38,097,818
PARKS, RECREATION AND CULTURE											
Milwaukee Public Museum											
WM003	Electrical Distribution System Replacement	\$ -	\$ 258,000	-	258,000						\$ 258,000
WM	Total Milwaukee Public Museum	\$ -	\$ 258,000	\$ -	\$ 258,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 258,000
Department of Parks, Recreation & Culture											
WP017	Countywide Trail & Hard Surface Replacement Program	\$ -	\$ 316,000	\$ -	316,000						\$ 316,000
WP028	Dineen Park Aquatic Splash Pad		51,750	-	51,750						51,750
WP036	Oak Leaf Trail Development-Beloit Road Underpass		146,910	117,528	29,382						29,382
WP040	Mitchell Park Domes Spall Repair & Paint		600,000	-	600,000				600,000		-
WP042	McCarty Park Pool Pavilion Outdoor Changing Room Renovation	-	383,200	-	383,200						383,200
WP049	Boerner Gardens Irrigation System	-	107,302	-	107,302						107,302
WP050	Parks Infrastructure Improvements	-	1,391,496	-	1,391,496						1,391,496

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Milwaukee County
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Adopted County Financing											
<u>Project</u>	<u>Project Description</u>	<u>Capitalized Interest</u>	<u>2006 Adopted</u>	<u>Reimbursement Revenue</u>	<u>Net County Financing</u>	<u>Sales Tax Revenues</u>	<u>Investment Earnings</u>	<u>Private Contribution¹</u>	<u>Property Tax Revenue</u>	<u>PFC/Reserve Revenue</u>	<u>Bonds</u>
WP067	Baran Park Facility Renovation		115,000	-	115,000						115,000
WP406	Countywide Play Area Redevelopment Program		\$449,400	-	449,400						449,400
WP447	South Shore Breakwater/Bike Trail		2,500,000	-	2,500,000						2,500,000
WP	Total Department of Parks, Recreation & Culture	\$ -	\$ 6,061,058	\$ 117,528	\$ 5,943,530	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ 5,343,530
	McKinley Marina			-							-
WP513	McKinley Marina Redevelopment-Seawall Improvements	\$ -	\$ 475,000	-	475,000						475,000
WP	Total McKinley Marina	\$ -	\$ 475,000	-	475,000	\$ -	\$ -	\$ -	\$ -	\$ -	475,000
	Zoo			-							-
WZ014	Zoo Infrastructure Improvements		1,495,844	-	1,495,844						1,495,844
WZ	Total Zoo	\$ -	\$ 1,495,844	\$ -	1,495,844	\$ -	\$ -	\$ -	\$ -	\$ -	1,495,844
	Total Parks, Recreation and Culture	\$ -	\$ 8,289,902	117,528	\$ 8,172,374	\$ -	\$ -	\$ -	\$ 600,000	\$ -	7,572,374
	HEALTH AND HUMAN SERVICES			-							-
	DHS-Behavioral Health Division			-							-
WE024	Psychiatric Hospital Fire Alarm Systems and Elevator Controls	\$ -	1,149,110	-	1,149,110						1,149,110
WE028	Replace Nurse Call System	-	125,475	-	125,475						125,475
WE	Total DHS-Behavioral Health Division	\$ -	\$ 1,274,585	-	1,274,585	\$ -	\$ -	\$ -	\$ -	\$ -	1,274,585
	DPW County Grounds			-							-
WG010	CATC "C" Building Roof Replacement	\$ -	\$ 670,395	\$ -	670,395						\$ 670,395
WG	Total DPW County Grounds	\$ -	\$ 670,395	-	670,395	\$ -	\$ -	\$ -	\$ -	\$ -	670,395
	Department of Human Services			-							-
WS005	DHHS Marcia P. Coggins Human Services Center-Parking Lots and Garage	\$ -	\$ 672,212	-	672,212						672,212
WS013	Senior Center Infrastructure Improvements		\$ 504,842	-	504,842						504,842
WS	Total Department of Human Services	\$ -	\$ 1,177,054	\$ -	1,177,054	\$ -	\$ -	\$ -	\$ -	\$ -	1,177,054
	Total Health and Human Services	\$ -	\$ 3,122,034	\$ -	3,122,034	\$ -	\$ -	\$ -	\$ -	\$ -	3,122,034
	GENERAL GOVERNMENT			-							-
	Courthouse Complex			-							-
WC013	CJF Pod Workstation Replacement	-	79,640	-	79,640						79,640
WC014	Courthouse Complex HVAC Systems	\$ -	149,500	-	149,500						149,500
WC016	Courthouse Roof Replacement	46,300	937,878	-	937,878		12,750				925,128
WC023	CH Complex Building Automation and Access Control Upgrade		239,000	-	239,000						239,000
WC028	Community Correction Center Infrastructure	12,900	260,900	-	260,900		3,600				257,300
WC040	CJF Inmate Elevator Upgrade	35,000	708,324	-	708,324		9,650				698,674
WC046	Courthouse Security Equipment		125,000	-	125,000						125,000
WC048	Courthouse Annex Demolition and Parking Lot Construction	260,000	5,260,000	-	5,260,000		71,400				5,188,600
WC	Total Courthouse Complex	\$ 354,200	7,760,242	-	7,760,242	-	97,400	-	-	-	7,662,842
	House of Correction			-							-
WJ014	HOC Infrastructure Improvements		246,101	-	246,101						246,101
WJ032	HOC - Replace Boiler Room Condensate Pump and Tank		167,300	-	167,300						167,300
WJ034	Ventilate Tailor Shop		288,398	-	288,398						288,398
WJ035	Replace Hot Air Handling Unit in Cellblock		58,296	-	58,296						58,296

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WJ040	HOC Print Shop		133,800	-	133,800						133,800
WJ038	Replace Hot Water Heaters		271,932	-	271,932						271,932
WJ039	HOC - Replace Ice Builder		115,000	-	115,000						115,000
WJ	Total House of Correction	\$ -	\$ 1,280,827	\$ -	\$ 1,280,827	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,280,827
	Other County Agencies										
WO021	Milwaukee County Public Art Program		69,542	-	69,542				\$ 17,386		52,157
WO026	Public Safety Answering Point (formerly Sheriff's 911 Upgrade)		200,000	200,000	-						-
WO029	Milwaukee County Historical Society Renovation - Phase II		1,745,315	-	1,745,315			872,658			872,658
WO030	Countywide Access Road Improvements Program	-	612,665	-	612,665	\$ -	\$ -	-	\$ -	\$ -	612,665
WO036	Marcus Center - Electrical Substation Upgrade		71,700	-	71,700						71,700
WO043	Housing Project		1,000,000	-	1,000,000			\$ 1,000,000			-
WO112	Fleet Equipment Acquisition		2,251,500	-	2,251,500					\$ 350,000	1,901,500
WO201	Enterprise Server		513,048	-	513,048	200,000					313,048
WO205	Fiscal Monitoring System		350,000	-	350,000	250,000			\$ 100,000		-
WO301	Countywide Technical Infrastructure		912,839	-	912,839						912,839
WO501	War Memorial Renovation		300,000	-	300,000						300,000
WO411	Mobile Data Computers		125,840	-	125,840						125,840
WO419	CJF Property Conveyor Belt		150,000	-	150,000						150,000
WO500	War Memorial HVAC Renovation		1,378,100	-	1,378,100						1,378,100
WO860	Countywide Handicapped Accessibility Program		346,437	-	346,437						346,437
WO870	County Special Assessments		300,000	-	300,000	300,000					-
WO	Total Other County Agencies	\$ -	\$ 10,326,986	\$ 200,000	\$ 10,126,986	\$ 750,000	\$ -	\$ 1,872,658	\$ 117,386	\$ 350,000	\$ 7,036,943
	Total General Government	\$ 354,200	\$ 19,368,055	\$ 200,000	\$ 19,168,055	\$ 750,000	\$ 97,400	\$ 1,872,658	\$ 117,386	\$ 350,000	\$ 15,980,612
	Grand Total Capital Improvements	\$ 354,200	\$ 86,741,135	\$ 16,092,556	\$ 70,648,579	\$ 750,000	\$ 97,400	\$ 1,872,658	\$ 717,386	\$ 2,438,298	\$ 64,772,838
	Total Excluding Airports	\$ 354,200	\$ 45,910,685	\$ 10,935,588	\$ 34,975,097	\$ 750,000	\$ 97,400	\$ 1,872,658	\$ 717,386	\$ 350,000	\$ 31,187,654

INTRODUCTION

The 2006 Capital Improvements Budget includes 70 separate projects for a total expenditure appropriation of \$86,741,135. Anticipated reimbursement revenue (Federal, State and local grants) totals \$16,092,556 resulting in net County financing of \$70,648,579.

Appropriations for 60 corporate purpose (non-airport) projects total \$45,910,685 with offsetting reimbursement revenues of \$10,935,588. The resulting net county financing of \$34,975,097 is to be financed by \$31,187,654 in general obligation corporate purpose bonds, \$750,000 in sales tax revenues, \$350,000 in Passenger Facility Charges (PFC) revenue, \$1,872,658 in private contributions, \$97,400 in construction fund investment earnings and \$717,386 in property tax levy.

Budgeted expenditure appropriations for 2006 Airport capital improvements total \$40,830,450. Airport reimbursement revenue of \$5,156,968 results in net County financing of \$35,673,482. Net County financing for Airport projects includes \$33,585,184 in Revenue Bonds and \$2,088,298 in Passenger Facility Charges (PFC) revenue bonds and/or pay-as-you-go PFC financing.

Since 1982, all Airport improvement costs not reimbursed by State or Federal agencies have been debt financed using general obligation bonds or financed through pay-as-you-go PFC revenues. Airlines housed in General Mitchell International Airport (GMIA) have agreed to pay all accrued principal and interest payments on debt issued on behalf of the Airport. Debt issued for the Airport from 1982 to 1984 is being repaid by the Airlines in accordance with a 25-year repayment schedule outlined in the Airline lease agreement. Bonds issued after 1984 are repaid by the Airlines over the actual term of the issue. Airport bonds issued after 1985 are classified as private activity bonds. These bonds remain tax-exempt, but income earned from these bonds may be subject to the Alternative Minimum Tax for some taxpayers. The County began issuing GARBs in 2000 to finance the GMIA parking facility. In 2004 and 2005, the County issued PFC-backed revenue bonds supported by general airport revenue bonds. All debt service payments for the revenue bonds will be the responsibility of the Airlines using GMIA. A portion of both bond issues were General Airport Revenue Bonds.

Comparison to 2005 Adopted Budget

The 2005 Adopted Capital Improvements Budget includes 62 separate projects for a total expenditure appropriation of \$53,417,881. Anticipated reimbursement revenue (Federal, State and local grants) totals \$14,802,770 resulting in net County financing of \$38,615,111.

Appropriations for 55 corporate purpose (non-airport) projects total \$38,050,669 with offsetting reimbursement revenues of \$11,924,195. The resulting net county financing of \$26,126,474 is to be financed by \$24,750,830 in general obligation corporate purpose bonds, \$1,022,070 in sales tax revenues, \$275,000 in Passenger Facility Charges (PFC) revenue, \$50,000 in private donations, and \$28,575 in construction fund investment earnings.

Budgeted expenditure appropriations for 2005 Airport capital improvements total \$15,637,212. Airport reimbursement revenue of \$2,878,575 results in net County financing of \$12,488,637. Net County financing for Airport projects includes \$7,357,925 in General Airport Revenue Bonds (GARBs), and \$5,130,712 in PFC revenue bonds and/or pay-as-you-go PFC financing.

2006 Expenditure Appropriations by Function

The largest 2006 expenditure category is for Transportation and Public Works-related departments. Budgeted appropriations of \$55,961,144 represent approximately 64.5 percent of total 2006 capital appropriations. The \$55,961,144 appropriation is offset with 28.2 percent in reimbursement revenues. In fact, nearly all of the reimbursement revenues budgeted in the 2006 Capital Improvements Budget is budgeted in this category, accounting for 98.0 percent of all reimbursement revenue budgeted for 2006.

Major Transportation and Public Works projects include WA006 – C Concourse Gate Expansion - Construction (\$23,980,000), WA061 – Concourse E Stem Remodeling and Electrical Service Upgrade (\$9,320,299), WH030 – Bridge Replacement Program (\$2,760,000) and WT011 – Bus Replacement Program – Orion (\$2,600,000).

The functional area receiving the next largest appropriation is General Government departments total \$19,368,055. This amount represents 22.3 percent of the total capital budget. Major appropriations include WC048 – Annex Demolition and Parking Lot Construction (\$5,260,000), WO112- Fleet Equipment Acquisition (\$2,251,500), WO029 Milwaukee County Historical Society Renovation (\$1,745,315) and WO500 – War Memorial HVAC Renovation (\$1,378,100).

Budgeted appropriations for Parks, Recreation and Culture. Budgeted appropriations total \$8,289,902. This amount represents 9.6 percent of the total capital budget. Major projects include WP447 South Shore Breakwater/Shoreline Protection/Bike Trail (\$2,500,000), WZ014 – Zoo Infrastructure (\$1,495,844), WP050 – Parks Infrastructure Improvements (\$1,391,496), and WP040 – Mitchell Park Domes Spall Repair and Paint (\$600,000).

Capital appropriations for Health and Human Services departments total \$3,122,034. This amount represents 3.6 percent of the total capital budget. The most significant projects budgeted in this functional area are, WE024 – Psychiatric Hospital Fire Alarm Systems and Elevator Controls (\$1,149,110), WS005 – DHHS Marcia P. Cogg Human Services Center – Parking Lots and Garage (\$672,212) and WG010 – CATC “C” Building Roof Replacement (\$670,395).

MAJOR 2006 CAPITAL IMPROVEMENT ISSUES

Future Borrowing Limitations

In June 2003, the County Board issued \$100,025,000 in general obligation refunding bonds to advance refund various maturities from the 1994 through 2002 corporate purpose bond issues. The refunding increased the County’s overall outstanding debt service by \$48.7 million. In order to minimize the impact of this refunding on the County’s debt service, the County Board also adopted a change in the County’s debt management goals restricting future borrowing. In effect, this policy limits 2005-2007 borrowing to an increase of no more than \$1 million over the previous year’s corporate purpose bond amount. In addition, the corporate purpose bond amount for 2008 is set at a not-to-exceed amount of \$30 million, and future not-to-exceed amounts would increase by 3 percent over the previous year’s bond amount.

The 2005 Corporate Purpose Issue amount was \$3,340,000 below the bonding cap amount of \$27,950,000 for 2005. The 2006 bond amount of \$31,595,000 is \$2,645,000 above the bonding cap amount provided for under the debt management policy. In total, the amount of debt issued is consistent with the debt management policy since the aggregate amount of the 2005 and 2006 issues does not exceed the aggregate bonding cap amount for those years.

Impact of County Property Tax Rate Limit

Approval of a property tax rate limit for Wisconsin counties has resulted in limits for both operating and debt service purposes. The rate limit is based on the 1992 levy rate adopted for the 1993 budget. The operating levy rate may only be increased if program or service responsibilities are transferred from one governmental unit to another or if a rate increase is approved by public referendum.

The conditions under which the debt service rate may be increased include: 1) approval of issuance of debt at a referendum; 2) adoption of a resolution by the County Board of Supervisors which sets forth its “reasonable expectation” that the issuance of the debt will not result in an increase in the tax rate; 3) actual authorization of the debt prior to the August 12, 1993 effective date of the rate limit; 4) issuance of debt for regional projects as described in Section 67.05(7)(f), Wisconsin Statutes; 5) issuance of debt to refund outstanding municipal obligations or 6) adoption of a resolution to issue debt which is approved by a 3/4 vote of the members-elect of the County Board.

The rate limit also prohibits borrowing for “operating expenses.” The statute defines operating expenses as “wages, salaries, fringe benefits, materials, supplies, contractual services, equipment with a useful life of less than one year and other costs specified by the department of revenue by rule.” Because many expensed or non-capitalized projects are considered to have a useful life of less than one year, debt obligations typically may not be used to finance these projects. The 2006 Capital Improvements Budget does contain some expensed projects (non-capitalized). These projects are financed with sales tax revenue or revenue generated from Passenger Facility Charges (PFCs). The tax rate limit applies to all current County managed operations including internal service and enterprise operations which are supported by property taxes. Property tax levy support for these funds is reflected in the general fund.

Capital Project Staffing/Consultant Plan

Each project narrative and fiscal sheet has a detailed staffing plan listed. Milwaukee County's General Ordinance for Professional Services 56.30(4) requires that "[f]or projects managed by the Department of Public Works, the Department of Public Works is authorized to enter into contractual services or professional services agreements as may be required for specific capital improvement projects which have been previously approved by County Board action." Furthermore, "[t]he budget write-up shall contain specific information as to the scope of the project, professional services required and estimated cost of the professional service work to be performed." Subsequent to budget adoption, Department of Parks and Public Infrastructure prepares a final staffing plan, which is reviewed and approved by the County Board. Any subsequent changes to the final 2006 staffing plan has been approved by the County Board of Supervisors.

Appropriations Based on Cash Flow Needs

The 2006 Capital Improvements Budget is based on cash flow requirements for multi-year projects. The capital improvements budget was developed based on cash flow financing needs due to the establishment of expenditure targets by the Federal government for tax exempt, debt-financed projects. This budgeting practice may result in the approval of multi-year construction contracts for projects that exceed the budgeted appropriation. In these cases, subsequent appropriations may be necessary to complete project financing. In several instances, appropriations for 2006 will result in contractual obligations for 2007 to complete project financing initiated or continued in 2006 or prior years.

PFC Revenues

During 1995, General Mitchell International Airport received authorization to charge a \$3 per-person Passenger Facility Charge (PFC). The 2006 Capital Improvements Budget reflects \$2,438,298 in PFC-backed revenue bonds or pay-as-you-go PFC revenues. The Airport Capital Improvements Budget reflects \$2,088,298 from PFC-backed revenue bonds or pay-as-you-go PFC revenues. PFC revenues of \$350,000 are budgeted for 2006 in WO112 – Fleet Equipment Acquisition as an offset to equipment costs for items being purchased for the Airport.

Federal Expenditure Targets for Tax Exempt Bonds

Federal tax law governs the use of bond proceeds. Beginning with 1990 bond issues, the Federal government established expenditure targets for spending tax-exempt municipal bond proceeds. Expenditure targets follow six-month intervals from the closing date and it is required that all proceeds be spent in either 18 or 24 months depending upon the particular issue.

If less than 75 percent of the bond issue is to finance construction projects then the rebate method (18-month expenditure period method) must be used. If 75 percent or more will be used to finance construction projects, the County has the option of selecting the rebate or penalty-in-lieu of rebate method (24-month expenditure period).

Failure to meet these targets subjects the County to financial liability under the rebate or the penalty-in-lieu of rebate method. Under the rebate method, if the County fails to meet the expenditure targets and the investment rate is higher than the interest rate of the bonds, then all investment earnings on the unspent bond proceeds (in excess of the amount which would have been earned if the proceeds had been invested at a rate equal to the rate on the bonds) must be paid to the Federal government. No amount is required to be paid if the investment rate is lower than the interest rate on the bonds even if the expenditure targets have not been met.

Under the penalty-in-lieu of rebate method, financial penalties totaling up to 1.5 percent of the unspent bond proceeds, including investment earnings, will be assessed every six months until all of the proceeds are spent for each target that is unmet. If expenditure targets are not met, for either method, appropriations for individual projects will be reduced to pay rebate or penalty amounts.

2006 Corporate Purpose Bonds

6 months	15 percent of proceeds and actual and expected earnings
12 months	60 percent of proceeds and actual and expected earnings
18 months	100 percent of proceeds and actual earnings

2006 Airport Revenue Bonds

6 months	10 percent of proceeds and actual and expected earnings
12 months	45 percent of proceeds and actual and expected earnings
18 months	75 percent of proceeds and actual and expected earnings
24 months	100 percent of proceeds and actual earnings

A small amount of proceeds is allowed to be spent after the final 18th or 24th month, whichever is applicable, to allow for contract retainage. Project bonds are issued on a reimbursement basis, which allows project expenditures to be incurred on January 1 for projects budgeted as part of the annual capital improvements budget.

Regulations for Reimbursement Bonds

The Internal Revenue Service (IRS) regulates the issuance of "reimbursement bonds" or bonds issued subsequent to project expenses actually being incurred. Tax-exempt issuers are allowed to pay capital costs out of available cash in anticipation of issuing long-term bond or note financing if certain conditions are met. The County's current practice is to issue capital improvement debt in the late winter or early spring. Prior to debt issuance, some expenditures may have already occurred for new projects. This practice subjects the County to regulations for reimbursement bonds. The 2006 budget continues the practice of allowing debt-financed expenditures to occur before bonds are actually issued. This practice helps the County to meet expenditure targets for tax-exempt bond issues. The following declarations are made for the purpose of complying with the regulations on reimbursement bonds.

1. A summary of 2006 capital improvements identifies specific projects and the amount of the expenditure appropriation to be debt financed. As described above, the County intends to reimburse itself for expenditures made on debt financed projects with the proceeds of the County's 2006 bond issue(s), the interest on which is to be excludable from the gross income of the owners under Section 103 of the Internal Revenue Code of 1986, as amended.
2. The intent of the County is to use unspent bond proceeds from prior year financings or other cash reserves to make advance expenditures for 2006 capital improvements. The temporary expenditure of prior year bond proceeds will be limited to the use category specified when the bonds were originally issued. These proceeds are not available to finance 2006 capital improvements on a long-term basis because they are allocated to other capital improvements. Separate corporate purpose and Airport issues may be required. The timing of these issues has not been finalized but based on past experience; bonds may be issued in the late winter or early spring.
3. Cash outlays for debt service payments on 2006 bond issues will not be required until 2006. However, proprietary fund departments budget (Mass Transit Division, Behavioral Health Division, Facilities Management Division, Fleet Management Division, Airport Division and Information Management Services Division) for accrued interest payments during each calendar year. This expense is abated in the County's debt service fund. The County's current budget policy is to dedicate County sales and use tax revenues for debt service payments. To the extent sales and use tax revenues are not sufficient, general tax revenues will be used to meet debt service payments. For 2006, all debt service costs are offset with sales tax revenue.

Capitalized Interest and Construction Fund Earnings Recorded in Capital Projects Fund

The current interest expense on bonds issued for projects that are under construction is referred to as capitalized interest. Under generally accepted accounting principles (GAAP), the capitalized interest cost for proprietary fund departments should be reflected in the construction fund of the project (capital projects fund). The 2006_Capital Improvements Budget includes \$354,200 in appropriation authority to pay capitalized interest costs for a number of proprietary fund projects. In cases where no capitalized interest is charged to the project, operating interest expense is included in the departmental operating budget. Operating interest expense is the interest cost for bonds on projects that are complete or substantially complete and interest costs on equipment acquisition. Interest costs on equipment acquisition are not charged to the project construction fund. Capitalized and operating interest expense is reflected as an abatement to the debt service fund expenditure budget to avoid double counting this expenditure. Construction fund earnings on unspent bond proceeds will reduce net capitalized interest costs. The 2006 budget anticipates \$97,400 in investment earnings on 2006 bonds. These earnings are recorded directly in the capital projects fund as another source of project financing. The capital improvement budget narrative and fiscal sheet

completed for each project reflects the impact of directly recording both capitalized interest expense and construction fund earnings on project costs.

Requirements for Cash Financing for 2006 Capital Improvements

Beginning with the 1995 capital budget, the County established a cash-financing goal of 20 percent to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Net County financing included in the 2006 budget totals \$70,648,579, including the Airport. Cash needed to meet the 20 percent financing goal is calculated at \$14,129,716 and budgeted cash financing is \$5,875,742 or 8.3 percent of net County financing. Excluding Airport projects, net County financing totals \$34,975,097 of which \$3,787,444 is cash, or 10.8 percent of the total.

Financing for 2006 Capital Improvements

Budgeted financing for 2006 corporate purpose (non-airport) improvements is a combination of Federal, State and local government reimbursement revenues, general obligation bonds and notes, PFC revenues, sales tax revenues, general airport revenue bonds (GARBs), PFC-backed revenue bonds, and investment earnings from proprietary-funded construction projects. Budgeted debt financing for 2006 corporate purpose improvements totals \$31,187,654.

The budgeted debt financing of \$31,187,654 represents approximately 67.9 percent of the total corporate purpose appropriation of \$86,741,135. The remaining 32.1 percent of budgeted corporate purpose appropriations is cash financed or financed from reimbursement revenues. Reimbursement revenues total \$10,935,588.

Budgeted debt financing for 2006 will be structured to finance WC046 – Courthouse Security Equipment, WO021 Public Art Program, WO112 – Fleet Equipment Acquisition, WO301 – IMSD Technical Infrastructure, and WO411 Sheriff's Mobile Data Computer Upgrade over a four-year period. The balance of 2006 budgeted debt financed projects will be financed over approximately 15 years.

Although a substantial portion of project costs is financed with long-term debt, only a portion of debt service costs may be paid from tax revenues. Debt financing for enterprise fund departments, such as the Department of Health and Human Services (DHHS) - Behavioral Health Division and Mass Transit System, may be supported in part by operating revenues. This is in contrast to many governmental fund improvements that are wholly tax revenue supported. Revenues from the Airlines or PFC revenue will back debt issued for the Airport.

Potential CBDP Charges to Capital

The CBDP Director is authorized to develop and implement crosscharges to capital projects in the capital budget for which CBDP provides direct services in 2006. Such charges should equal no more than 1.5% of the total cost of the project.

Five-Year Capital Improvement Plan (2006-2010)

An indication of the County's future capital needs is contained in the Five-Year Adopted Capital Improvements Budget (2006-2010). This Plan was constructed based on a general consensus among departments on their capital needs over the next few years in order to develop a comprehensive capital budget forecast and adhere to the debt management and capital financing policies. Although details of the plan are subject to change, it is a useful capital planning guideline for the County.

The information contained in the Five-Year Plan is important for structuring debt issues and scheduling major projects to lessen year-to-year fluctuations in needed tax revenues. It should be understood, however, that significant changes are possible in departmental priorities and project schedules and costs from one year to the next.

Debt Management and Capital Financing Policies

On July 21, 1994, the County Board of Supervisors adopted several debt management and capital financing policies or goals. As stated previously, in June 2003, the County Board issued \$100,025,000 in general obligation refunding bonds to advance refund various maturities from the 1994 through 2002 corporate purpose bond issues. The refunding increased the County's overall outstanding debt service by \$48.7 million. In order to minimize the impact of this refunding on the County's debt service, the County Board also adopted a change in the County's debt management goals restricting future borrowing. In effect, this policy limits 2005-2007 borrowing to an increase of

no more than \$1 million over the previous year's corporate purpose bond amount. In addition, the corporate purpose bond amount for 2008 would be set at a not-to-exceed amount of \$30 million, and future not-to-exceed amounts would increase by 3 percent over the previous year's bond amount.

The 2005 Corporate Purpose Issue amount was \$3,340,000 below the bonding cap amount of \$27,950,000 for 2005. The 2006 bond amount of \$31,595,000 is \$2,645,000 above the bonding cap amount provided for under the debt management policy. In total, the amount of debt issued is consistent with the debt management policy since the aggregate amount of the 2005 and 2006 issues does not exceed the aggregate bonding cap amount for those years.

Debt Management and Capital Financing Policies include a requirement that the budget include a summary of the impact that borrowing proposals contained in the budget would have on various measures of debt affordability. As discussed earlier, the policies also established limitations on capital improvement borrowing by requiring an increase in project pay-as-you-go cash financing. The requirement for 2006 is that 20 percent of County financed project costs be financed from cash sources.

Partly due to the rapid amortization of the County's outstanding debt, the three national rating agencies have consistently given the County a solid rating. The County is rated Aa3 by Moody's Investor Service and AA by Standard & Poor's and Fitch Ratings. In 1998, Moody's Investor Service and Fitch Ratings upgraded the County to its current ratings. Standard & Poor's upgraded the County in 2001 to the current rating of AA, with a stable outlook.

The stable rating for the County is a reflection of the debt management policies implemented in 1994. The debt restructuring reduced the County's rate of amortization from 87 percent to 77 percent, which is still considered a rapid schedule. The initial implementation of the bonding caps has increased the amortization rate to 82 percent. The County requested a rating from the rating agencies for the issuance of the \$100,025,000 General Obligation Refunding Bonds, Series 2003A which restructured the County's outstanding debt. All of the ratings agencies affirmed the County's rating for the bond issue and its current outstanding debt.

Table 4 contains a summary of selected debt affordability indicators revised to reflect the impact of the 2003 refunding and future borrowing limitations. This section also provides a comparison of 2005 information with prior year information.

TABLE 1

MILWAUKEE COUNTY CAPITAL IMPROVEMENT APPROPRIATIONS

	2002 Budget (a)			2003 Budget (b)			2004 Budget (c)			2005 Budget			2006 Budget		
	<u>Appropriation</u>			<u>Appropriation</u>			<u>Appropriation</u>			<u>Appropriation</u>			<u>Appropriation</u>		
TRANSPORTATION & PUBLIC WORKS															
Highways and Bridges	\$	8,595,900		\$	3,405,000		\$	8,413,032		\$	9,114,028		\$	8,395,200	
Mass Transit	\$	20,590,960		\$	14,210,700		\$	9,705,500		\$	4,610,275		\$	4,460,000	
Airports	\$	33,701,730		\$	14,008,150		\$	13,526,000		\$	15,367,212		\$	40,830,450	
Environmental	\$	470,000		\$	360,000		\$	-		\$	230,000		\$	2,275,494	
TOTAL	\$	63,358,590	61%	\$	31,983,850	55%	\$	31,644,532	52%	\$	29,321,515	55%	\$	55,961,144	65%
PARKS, RECREATION & CULTURE															
Department of Parks	\$	8,990,173		\$	5,474,514		\$	5,021,600		\$	5,412,190		\$	6,061,058	
McKinley Marina	\$	3,676,250		\$	2,500,000		\$	550,000		\$	493,020		\$	475,000	
Museum	\$	773,000		\$	240,000		\$	900,000		\$	488,280		\$	258,000	
Zoo	\$	3,636,120		\$	5,158,700		\$	6,133,690		\$	1,750,000		\$	1,495,844	
TOTAL	\$	17,075,543	16%	\$	13,373,214	23%	\$	12,605,290	21%	\$	8,143,490	15%	\$	8,289,902	10%
HEALTH & HUMAN SERVICES															
DHS-Behavioral Services	\$	718,610		\$	958,000		\$	136,800		\$	1,054,109		\$	1,274,585	
Human Services	\$	1,959,750		\$	288,800		\$	5,041,550		\$	1,452,400		\$	1,177,054	
DPW County Grounds	\$	885,000		\$	1,344,000		\$	1,156,000		\$	198,000		\$	670,395	
TOTAL	\$	3,563,360	3%	\$	2,590,800	4%	\$	6,334,350	10%	\$	2,704,509	5%	\$	3,122,034	4%
GENERAL GOVERNMENT															
Courthouse Complex	\$	819,330		\$	1,693,417		\$	2,163,150		\$	1,396,878		\$	7,760,242	
House of Correction	\$	1,613,000		\$	1,776,000		\$	486,660		\$	1,334,030		\$	1,280,827	
Other County Agencies	\$	12,849,572		\$	7,014,276		\$	7,953,359		\$	10,517,459		\$	10,326,986	
TOTAL	\$	15,281,902	15%	\$	10,483,693	18%	\$	10,603,169	17%	\$	13,248,367	25%	\$	19,368,055	22%
CAPITAL REDUCTION	\$	5,000,000		\$	-		\$	-		\$	-		\$	-	
TOTAL CAPITAL IMPROVEMENTS	\$	104,279,395		\$	58,431,557		\$	61,187,341		\$	53,417,881		\$	86,741,135	100%

(a) The total budgeted appropriation of \$121,179,409 for 2001 has been reduced by \$5,000,000 to \$116,179,409. In calculating each category's percentage share of the total budget, however, the gross amount of \$121,179,409 was used.

(b) The total budgeted appropriation of \$104,279,395 for 2002 includes \$5,000,000 in expenditures and revenues to restore the reduction of \$5,000,000 from 2001. In addition, subsequent to 2002 budget adoption, the County Board approved several appropriation transfers, the net effect of which increased the 2002 budget by \$797,506.

(c) Subsequent to the 2003 budget adoption, the County Board approved an appropriation transfer which increased expenditures and revenues by \$272,770 for capital project WA006 - C Concourse Gate Improvements.

TABLE 2
MILWAUKEE COUNTY HISTORICAL CAPITAL IMPROVEMENT FINANCING
1981-2006

Year	Adopted Budget				Revised Budget				% Bonds
	<u>Appropriations</u>	<u>Revenue</u>	<u>Property Tax/Sales Tax Revenue</u>	<u>Bonding</u>	<u>Appropriations</u>	<u>Revenue</u>	<u>Property Tax/Sales Tax Revenue</u>	<u>Bonding</u>	
1981	\$50,205,735	\$17,071,327	\$5,517,408	\$27,617,000	\$50,205,735	\$17,071,327	\$5,517,408	\$27,617,000	55.0%
1982	\$18,213,713	\$6,562,853	\$160,860	\$11,490,000	\$23,213,713	\$65,628,563	\$160,860	\$16,490,000	71.0%
1983	\$37,827,629	\$3,882,850	\$1,291,179	\$32,653,600	\$41,922,629	\$3,882,850	\$1,291,179	\$36,748,600	87.7%
1984	\$38,441,583	\$11,510,000	\$6,352,337	\$20,579,246					53.5%
1985	\$49,766,696	\$23,370,882	\$8,107,914	\$18,287,900	\$57,765,696	\$23,370,882	\$8,107,914	\$26,286,900	45.5%
1986	\$38,526,316	\$11,072,275	\$5,867,041	\$21,587,000	\$36,307,316	\$10,699,775	\$4,020,541	\$21,587,000	59.5%
1987	\$38,815,527	\$7,823,400	\$5,142,127	\$25,850,000	\$39,765,527	\$7,823,400	\$5,142,127	\$26,800,000	67.4%
1988	\$52,309,010	\$11,468,525	\$9,075,997	\$31,764,488	\$66,409,010	\$11,468,525	\$9,075,997	\$45,864,488	69.1%
1989	\$93,408,100	\$29,172,150	\$7,865,322	\$56,370,628	\$94,475,100	\$29,172,150	\$7,865,322	\$57,437,628	60.8%
1990	\$101,716,000	\$21,502,587	\$7,865,322	\$72,348,091	\$90,334,000	\$21,502,587	\$7,865,322	\$60,966,091	67.5%
1991	\$51,543,500	\$18,895,900	\$1,500,000	\$31,147,600	\$70,899,500	\$18,895,900	\$1,500,000	\$50,503,600	71.2%
1992	\$109,420,612	\$16,277,771	\$7,990,134	\$85,152,707					77.8%
1993	\$74,388,075	\$17,124,643	\$3,416,713	\$53,846,719	\$74,718,075	\$17,124,643	\$3,416,713	\$54,176,719	72.5%
1994	\$75,896,701	\$28,606,054	\$2,670,676	\$44,619,971	\$90,024,359	\$33,117,018	\$2,670,676	\$54,236,665	60.2%
1995	\$94,189,909	\$30,969,988	\$22,222	\$63,197,699	\$90,572,509	\$29,894,988	\$22,222	\$60,655,299	67.0%
1996	\$76,922,500	\$29,928,593	\$336,607	\$46,657,300	\$74,145,442	\$30,181,866	\$336,607	\$43,626,969	58.8%
1997	\$76,416,860	\$24,285,790	\$57,194	\$52,073,876	\$74,916,860	\$17,378,190	\$57,194	\$57,481,476	76.7%
1998	\$78,534,750	\$32,547,217	\$1,436,060	\$44,551,473	\$74,686,315	\$32,969,917	\$1,436,060	\$40,280,338	53.9%
1999	\$112,007,169	\$53,814,024	\$1,567,522	\$56,625,623					50.6%
2000	\$117,798,098	\$34,769,021	\$262,159	\$66,350,165					56.3%
2001	\$116,179,409	\$40,152,509	\$0	\$57,348,525					49.4%
2002	\$104,279,395	\$63,496,312	\$0	\$40,783,083					39.1%
2003	\$58,431,557	\$28,479,010	\$0	\$29,952,547					51.3%
2004	\$61,187,341	\$27,292,906	\$2,305,746	\$27,088,065					44.3%
2005	\$53,417,881	\$20,287,056	\$1,022,070	\$32,108,755					60.1%
2006	\$86,741,136	\$21,250,912	\$717,386	\$64,772,838					74.7%

DEBT AFFORDABILITY INDICATORS

Milwaukee County Debt Management and Capital Financing Policy Goals

1. Tax supported debt service costs shall not exceed actual sales and use tax revenues.
2. Cash financing for capital improvements shall provide for a minimum of 20 percent of County financed project costs. [This goal will be implemented over a ten-year period by increasing minimum cash financing by 2.0 percent annually beginning with the 1995 budget.]
3. Direct debt shall not exceed 1.5 percent of equalized property value.
4. Financing terms shall not exceed 16 years.
5. Average principal maturities shall not exceed 10 years.
6. Net present value savings for proposed advance refundings should total a minimum of 3 percent to 5 percent of refunded principal.
7. Direct debt per capita shall not exceed \$500.
8. Bond insurance will be used when it provides a net economic benefit.
9. County corporate purpose bond issue increases will be limited to a principal amount of no more than \$1 million over the principal amount of the previous year's corporate purpose bond issue.
10. Corporate purpose bond issues for 2008 and forward would be limited to a principal amount of \$30 million plus three percent per year for inflation.

Debt Service in Comparison to Sales Tax Revenue

Policy Goal:

Tax supported debt service shall not exceed County sales and use tax revenues.

Definition:

Debt service in comparison to county sales and use tax revenues consists of the amount of principal and interest on direct debt that the County must pay from tax revenues compared to net collections of county sales and use tax revenue. Tax supported debt service excludes interest allocations to proprietary fund departments and other debt service fund revenues. Net collections of sales and use tax revenues exclude discounts withheld by retailers and administrative fees retained by the Wisconsin Department of Revenue. Reported sales tax revenue annual totals are in accordance with generally accepted accounting principles (GAAP). Annual totals reflect March thru February monthly receipts.

Trend Information:

Budget Year	Tax Supported Debt Service	County Sales and Use Tax Revenues	Surplus/(Shortfall) in Sales Tax Revenues
2006	\$44,743,426	\$64,678,600	\$19,935,174
2007	\$47,657,804	\$65,648,779	\$17,990,975
2008	\$54,879,800	\$66,633,511	\$11,753,711
2009	\$59,964,944	\$67,633,013	\$7,668,069
2010	\$55,816,417	\$68,647,509	\$12,831,092
2011	\$57,533,999	\$69,677,221	\$12,143,222
2012	\$57,331,027	\$70,722,379	\$13,391,352
2013	\$57,724,509	\$71,783,215	\$14,058,706
2014	\$57,150,573	\$72,859,963	\$15,709,390
2015	\$39,296,624	\$73,952,863	\$34,656,239

Note:

County sales and use tax collections began in 1991. From 1992-1995, a portion of sales and use tax revenues were dedicated to the payment of net revenue anticipation promissory note interest. Prior to the implementation of the sales and use tax, the County had often established a bond-to-tax-levy ratio to determine direct cash financing totals. With the implementation of the County sales and use tax, surplus revenues, achieved when projected sales tax revenues exceed budgeted debt service, were earmarked to finance capital improvement appropriations, in accordance with Section 22.04, Milwaukee County Ordinances. On June 18, 2003, the County Board of Supervisors approved Resolution File No. 03-263(a)(a), which modified Section 22.04 of the General Ordinances so that surplus sales and use tax revenues can be used to pre-fund employee benefit costs or fund anticipated or extraordinary annual increases in such costs or supplement the Appropriation for Contingencies. The modification is effective through calendar year 2007.

Cash Financing of Capital Improvements

Policy Goal:

Cash financing for capital improvements shall be used for a minimum of 20 percent of County financed project costs. This goal has been implemented over a seven-year period based on a schedule, which requires direct cash financing to increase by 2 percent annually beginning with the 1995 Adopted Capital Improvements Budget with a final increase of 2 percent in 2001 in achieving a goal of 20 percent. Therefore, the minimum cash-financing goal for this budget and future budgets will be 20 percent of net County financed capital improvement costs.

Definition:

Cash financing (pay-as-you-go financing) of capital improvements means the direct non-debt financing of County financed project costs. It is anticipated that cash financing will consist of sales tax revenues, interest earnings realized from the investment of bond proceeds issued for proprietary fund departments and revenue from Passenger Facility Charges (PFCs). Cash financing for 2006 totals \$5,875,742 and consists of \$750,000 in sales tax revenue, \$97,400 in investment earnings, \$1,872,658 in private donations, \$2,438,298 in PFC revenue and \$717,386 in property tax revenue. For the purpose of calculating the percentage of cash financing, all project costs financed by State, Federal or other local government agencies are excluded from project cost totals.

Trend Information:

Budget Year	Net County Capital Cost	Direct Cash Financing	Percent Cash Financing
2006	\$70,648,579	\$5,875,742	8.3%
2007	\$39,363,579	\$7,872,716	20.0%
2008	\$36,229,709	\$7,245,942	20.0%
2009	\$37,316,600	\$7,463,320	20.0%
2010	\$38,433,683	\$7,686,737	20.0%
2011	\$39,586,995	\$7,917,399	20.0%
2012	\$40,776,537	\$8,155,307	20.0%
2013	\$42,002,309	\$8,400,462	20.0%
2014	\$43,258,272	\$8,651,654	20.0%
2015	\$44,556,504	\$8,911,301	20.0%

Note:

Beginning with the 1995 capital budget, the County established cash financing goals to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Since the 2004 Budget the goal has been 20 percent.

Direct Debt as a Percent of Equalized Value

Policy Goal:

Direct debt shall not exceed 1.5 percent of equalized property value. A long-term policy goal is established that direct debt shall not exceed 1.0 percent of equalized property values.

Definition:

Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt does not include debt issued by the County on behalf of the conduit financings issued for non-county agencies. Equalized property value includes the value of Tax Incremental Financing Districts (TIDs).

Trend Information:

Budget Year	Direct Debt	Equalized Value (Includes TID)	Direct Debt as a Percent of Value
2006	\$462,988,014	\$54,893,559,000	0.84%
2007	\$457,816,389	\$58,110,321,557	0.79%
2008	\$442,849,716	\$61,515,586,401	0.72%
2009	\$424,246,121	\$65,120,399,764	0.65%
2010	\$108,325,312	\$68,936,455,190	0.16%
2011	\$393,263,623	\$72,976,131,464	0.54%
2012	\$377,863,623	\$77,252,532,768	0.49%
2013	\$362,688,623	\$81,779,531,188	0.44%
2014	\$349,018,623	\$86,571,811,716	0.40%
2015	\$353,938,623	\$91,644,919,882	0.39%

Note: Annual growth in equalized values is 5.86 percent, which reflects the 10-year average for the County.

Direct Debt Per Capita

Policy Goal:

Direct debt per capita shall not exceed \$500.

Definition:

Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt per capita is determined by dividing direct debt totals by the most recent estimate of the number of persons residing in Milwaukee County.

Trend Information:

Budget		County	Direct Debt
Year	Direct Debt	Population	per Capita
2006	\$462,988,014	938,995	\$493
2007	\$457,816,389	938,995	\$493
2008	\$442,849,716	938,995	\$493
2009	\$424,246,121	938,995	\$493
2010	\$408,325,312	938,995	\$493
2011	\$393,263,623	938,995	\$493
2012	\$377,863,623	938,995	\$493
2013	\$362,688,623	938,995	\$493
2014	\$349,018,623	938,995	\$493
2015	\$353,938,623	938,995	\$493

Note:

Direct debt per capita can be used to compare debt levels between issuers or communities but is not a good indicator of real debt burdens over time unless it is adjusted for price level changes. The recommendation to establish this debt policy goal included the caution that this policy must be updated annually to be meaningful and to reflect changes in real price levels

2006 ADOPTED CAPITAL IMPROVEMENTS

**SECTION 1
AIRPORTS**

**(GENERAL MITCHELL INTERNATIONAL AIRPORT)
(L. J. TIMMERMAN)**

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WA006	Project Title and Location GMIA - C Concourse Gate Expansion	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 1	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$29,977,964				\$29,977,964
2005	\$5,791,612				\$5,791,612
2006	\$23,980,000				\$23,980,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$59,749,576	\$0	\$0	\$0	\$59,749,576

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$7,311,112	\$4,039,080		\$11,350,192
Construction & Implementation	\$28,434,507	\$19,940,920		\$48,375,427
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$23,957			\$23,957
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$3,339,080		\$3,339,080
Professional Services	\$6,621,738			\$6,621,738
DPW Charges	\$689,374	\$700,000		\$1,389,374
Capitalized Interest	\$3,457			\$3,457
Park Services				\$0
Disadv. Business Serv.	\$20,500			\$20,500
Buildings/Structures	\$28,434,507	\$19,940,920		\$48,375,427
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$35,769,576	\$23,980,000	\$0	\$59,749,576

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$23,980,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$23,980,000

Cost Estimates Prepared By Edward Baisch	DPW Review By Edward Baisch
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$4,790,346
2004 Expenditures	\$6,564,004
2005 Expenditures	\$13,592,625
Total Expenditures to Date	\$24,946,975
Encumbrances	\$9,634,570
Available Balance	\$1,188,031

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 10/03
Complete Final Plans & Specifications 8/05
Begin Construction 10/05
Complete Construction 12/06
Scheduled Project Closeout 6/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA006 - GMIA C Concourse Gate Expansion

An appropriation of \$23,980,000 is budgeted for the continuation of the C Concourse Gate Expansion in 2006. Financing is provided by Passenger Facility Charge (PFC) backed General Airport Revenue Bonds (GARBs).

Over the last several years, a total of \$35,619,576 has been provided for the widening of the C Concourse and the initial planning and preparation for the construction of eight additional gates on the north end of the Concourse. The construction of an eight-gate expansion of the C Concourse has been proposed for 2005 and 2006 funding, with final completion expected in 2007. To date, a design consultant (Engberg Anderson Design Partnership) and a construction manager (Jacobs/C. G. Schmidt) have been retained. Initially the gate expansion and the stem widening were designed as one project but were later separated for bidding. The stem widening contracts were awarded in 2004 and the project is presently under construction. The recent rapid growth of passengers at General Mitchell International Airport (GMIA) has now prompted demand for the additional gates. With modifications to the existing drawings and specifications the gate expansion project was bid in the summer of 2005. The total cost of the C concourse expansion is estimated to be \$59,619,576, which in addition to the structure itself, includes a temporary concourse, the purchase of new jet bridges, furniture, podiums for all hold rooms, airline tenant finish design and construction, public art and contingencies.

The increase of \$4,270,119, or 21.6%, in the 2006 budget estimate over 2005 is due to greater tenant operations build-out required by the airlines and a higher increase in construction cost than previously expected. Since construction funding for the project was originally appropriated as part of the 2001 Adopted Capital Improvement Budget the total costs associated with the project have increased from an estimate of \$17,039,458 in 2001 to an estimate of \$59,619,576 included.

The majority of the C Concourse Expansion is eligible for PFC financing. Of the total cost of \$59,619,576 approximately \$1,152,000 representing the cost to build the areas programmed for concession space, is not PFC eligible and was financed with GARBs in 2005. PFC backed GARBs will be sold to fund the \$23,980,000 being requested for 2006. All debt service for these issues will be recovered through PFC revenues except for the ineligible \$1,152,000, which will be recovered through Airport rates and charges.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division and semi-annual reports to the Finance and Audit Committee reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be used for overall project management. The project manager will be Ed Baisch. Specialized consultants may be used for some components of basic planning and construction management as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA014	Project Title and Location GMIA - Airfield Pavement Joint Repair	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 11	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,217,129	\$552,000	\$92,000		\$573,129
2005	\$650,000	\$487,500	\$81,250		\$81,250
2006	\$588,775	\$441,581	\$73,597		\$73,597
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$2,455,904	\$1,481,081	\$246,847	\$0	\$727,976

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$308,795	\$98,766		\$407,561
Construction & Implementation	\$1,554,473			\$1,554,473
Right-of-Way Acquisition		\$490,009		\$490,009
Equipment				\$0
Other	\$3,861			\$3,861
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$104,700			\$104,700
DPW Charges	\$179,920	\$98,766		\$278,686
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$4,115			\$4,115
Buildings/Structures				\$0
Land/Land Improvements	\$1,577,968	\$490,009		\$2,067,977
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$426			\$426
Total Project Cost	\$1,867,129	\$588,775	\$0	\$2,455,904

Budget Year Financing

Federal, State and Local Aids	\$515,178
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	\$73,597
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$588,775

Cost Estimates Prepared By Paul Montalto	DPW Review By Edward Baisch
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Project Fiscal Status

Prior Year Expenditures	\$481,129
2004 Expenditures	\$357,736
2005 Expenditures	\$274,008
Total Expenditures to Date	\$1,112,874
Encumbrances	\$316,302
Available Balance	\$437,953

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Useful Life (Years)	10
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Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	4/06
Complete Final Plans & Specifications	5/06
Begin Construction	6/06
Complete Construction	8/06
Scheduled Project Closeout	12/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA014 – GMIA Airfield Pavement Joint Repair

An appropriation of \$588,775 is budgeted for the concrete pavement joint repair project. Financing for this project will be provided by Federal Airport Improvement Program (AIP) revenue (\$441,581) and entitlement with State funding (\$73,597) for a total of 87.5 percent of the project funding. The (\$73,597) balance of the financing will be provided from Passenger Facility Charge (PFC) Revenue.

Good pavement maintenance dictates that close attention be paid to the condition of the joint sealant. In order to maintain an effective seal, the joint product must adhere to both concrete slab walls. If this does not occur the joint sealant cannot do an effective job of keeping damaging moisture or other materials from penetrating to the sub-base because the terminal apron joint sealant product has become stiff and has lost its capacity to expand and contract. Inspection of the airfield pavement reveals large areas of joint failure. In addition there are portions of sealant missing entirely in certain locations. This is caused by snowplows hooking the sealant product and ripping it out of the joints. In some areas patching of spalled concrete edges is required prior to filling the joints with sealant. The sealant product is 10 to 20 years old in the areas being replaced, which is well beyond the useful life expectancy.

This project is part of a program to replace the joint sealant product throughout the airfield. The initial phase was conducted in 2002 and included the pavement around the E Concourse. The second phase included pavement around the south and east sides of the D Concourse. The third phase included pavement between the D Concourse and the C Concourse and on the pavement between the C Concourse and the International Arrivals Building (IAB) Building. This 2006 appropriation will begin repavement of Taxiway A between Taxiway T and R, and on Taxiway E between Runway 7R/25L and Taxiway F. The project requires coordination with the airport operations, the air traffic control tower and the airlines in order to free up Taxiway area to be worked on. This project is a prudent expenditure and a very effective method of maintaining high quality pavement.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division and semi-annual reports to the Finance and Audit Committee reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Paul Montalto. Specialized consultants are used for some components of basic planning and construction management as needed. DPW staff will be used for construction inspection.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA042	Project Title and Location GMIA - Bag Claim Building Remodeling - Design	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 12	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$1,695,750				\$1,695,750
2007					\$0
2008	\$14,570,000				\$14,570,000
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$16,265,750	\$0	\$0	\$0	\$16,265,750

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$1,695,750	\$982,021	\$2,677,771
Construction & Implementation			\$13,558,333	\$13,558,333
Right-of-Way Acquisition				\$0
Equipment				\$0
Other			\$29,646	\$29,646
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$1,627,000		\$1,627,000
Professional Services			\$711,812	\$711,812
DPW Charges		\$68,750	\$270,209	\$338,959
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.			\$29,646	\$29,646
Buildings/Structures			\$13,558,333	\$13,558,333
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$1,695,750	\$14,570,000	\$16,265,750

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	\$1,695,750
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,695,750

Cost Estimates Prepared By John Bunn	DPW Review By Edward Baisch
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 8/06
Complete Final Plans & Specifications 12/06
Begin Construction 4/07
Complete Construction 10/07
Scheduled Project Closeout 4/08

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA042 - GMIA Bag Claim Building Remodeling - Design

An appropriation of \$1,695,750 is budgeted for the design for remodeling of the Bag Claim Building. Financing will be provided by Passenger Facility Charge Revenue (PFCs).

In 1999, a conceptual study was conducted of the bag claim area and several recommendations were made to help resolve the deficiencies in the bag claim distribution system and bag claim area, including the removal of the rental car facilities from the baggage claim area. As part of the parking structure project, in 2002, a rental car center was constructed adjacent to the parking structure, providing additional room for the bag claim remodeling.

The 2006 appropriation will be used to hire a consultant to reaffirm the findings of the initial study. After resolving the basic design issues, the consultant will perform a complete design for the area including a total renovation of the approximate 46,000 square foot existing building, including the heating ventilating and air conditioning (HVAC) system, a new roof, new lighting for the interior, new lighting for the exterior roadway, and other front sidewalk improvements. The final product will be the development of construction drawings and a refined cost estimate for construction in 2008. The project is being budgeted for \$1,695,750 for design in 2006 and \$14,570,000 for construction in 2008. The total estimated cost of the project is \$16,445,750.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division and semi-annual reports to the Finance and Audit Committee reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. A consultant will be hired to perform the design.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA046	Project Title and Location LJT - Security Improvements	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 14	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$119,505	\$113,530	\$2,988		\$2,988
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$119,505	\$113,530	\$2,988	\$0	\$2,988

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$20,505		\$20,505
Construction & Implementation				\$0
Right-of-Way Acquisition		\$99,000		\$99,000
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$20,505		\$20,505
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$99,000		\$99,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$119,505	\$0	\$119,505

Budget Year Financing

Federal, State and Local Aids	\$116,517
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	\$2,988
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$119,505

Cost Estimates Prepared By Tim Kipp	DPW Review By Edward Baisch
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	6/06
Complete Final Plans & Specifications	8/06
Begin Construction	10/06
Complete Construction	12/06
Scheduled Project Closeout	4/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA046 – LJT Security Improvements

An appropriation of \$119,505 is budgeted for Security Improvements at L. J. Timmerman (LJT) Airport. This project is Federal Airport Improvement Program (AIP) eligible. Financing for this project will be provided by Federal Airport Improvement Program (AIP) revenue (\$113,530) and entitlement with State funding (\$2,988) for a total of 97.5 percent of the project funding. The (\$2,988) balance of the financing will be provided from contributions from the Airport Capital Improvement Reserve.

An enhancement of perimeter security is needed at LJT. The current touch keypad gate controllers located at two locations no longer provide adequate security. The gate controllers, one at the control tower entryway and the other at the apron hangar entrance, allow anyone with the numeric code to gain access onto the restricted area. No surveillance is in place to monitor gained entry. Recreational pilots and employees pass the code to others, which increases the possibility of the code being obtained by the wrong individuals.

In this project, the existing touch keypad controllers will be eliminated and replaced with a wireless proximity card reader system similar to the kind used at General Mitchell International Airport (GMIA). The LJT system will not be electronically connected to the GMIA system. Four (4) cameras will provide wireless video surveillance capability at these two access gates. The cameras would be monitored on a 17-inch screen connected to a digital video recorder located at the Gran-Aire hangar. The badging process at Timmerman will be accomplished by using hardware left over from the recent security upgrade at GMIA. This will save costly equipment duplication while ensuring proper security review. Additionally, the four-foot fence in the parking lot would be removed and replaced with a decorative six-foot fence with a 14-foot wide gate locked. A controlled access gate would be installed for patrons to access the main hangar of Gran-Aire, the LJT fixed base operator. Additional lighting is also proposed to be mounted on the Gran-Aire hangar to supplement existing fixtures and provide better security.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Ed Baisch. Specialized consultants are used for some components of basic planning and design as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA047	Project Title and Location GMIA - Outer Taxiway Extension	4789-2005
Requesting Department or Agency Airport	Functional Group Transportation	
Department Priority 2	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$3,880,000	\$2,910,000	\$485,000		\$485,000
2005					\$0
2006	\$1,987,832	\$1,490,874	\$248,479		\$248,479
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$5,867,832	\$4,400,874	\$733,479	\$0	\$733,479

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$646,667	\$321,165		\$967,832
Construction & Implementation	\$3,233,333			\$3,233,333
Right-of-Way Acquisition		\$1,666,667		\$1,666,667
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$646,667	\$321,165		\$967,832
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$3,233,333	\$1,666,667		\$4,900,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$3,880,000	\$1,987,832	\$0	\$5,867,832

Budget Year Financing

Federal, State and Local Aids	\$1,739,353
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	\$248,479
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,987,832

Cost Estimates Prepared By Jim Zsebe	DPW Review By Edward Baisch
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Project Useful Life (Years)	40
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Project Fiscal Status

Prior Year Expenditures	\$75,122
2004 Expenditures	\$184
2005 Expenditures	\$6,000
Total Expenditures to Date	\$81,306
Encumbrances	\$0
Available Balance	\$3,798,694

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans 6/04	
Complete Final Plans & Specifications 12/05	
Begin Construction 3/06	
Complete Construction 11/06	
Scheduled Project Closeout 5/07	

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA047 - GMIA Outer Taxiway Extension

An appropriation of \$1,987,832 is budgeted for the construction of the Outer Taxiway Extension. Financing for this project will be provided by Federal Airport Improvement Program (AIP) revenue (\$1,490,874) and entitlement with State funding (\$248,479) for a total of 87.5% of the project funding. The (\$248,479) balance of the financing will be provided from Passenger Facility Charge (PFC) Revenue.

In 2003, \$3,880,000 was provided for the design and initial phase for construction of the Outer Taxiway Extension project. Both AIP entitlement and discretionary funding will be sought to the maximum amount possible with PFC financing being utilized for the balance.

The project involves constructing a concrete outer taxiway around Concourse C. The outer taxiway will provide dual access around the C Concourse expansion. This will allow air traffic controllers to route aircraft on the outer taxiway during pushback operations onto Taxiway B, thereby reducing delays. The outer taxiway will be design group V (wingspans up to 214 feet), which will support the largest aircraft that normally use General Mitchell International Airport (GMIA). Without the dual taxiway capability, aircraft will have to hold while other aircraft are taxied in or out of the new Concourse C gate area. The Federal Aviation Administration's (FAA) Milwaukee Air Traffic Manager strongly urged that the outer taxiway be built "to meet the needs of both the Airport and the air traffic operation". Further, the completion of the new outer taxiway extension is a condition by the FAA to allow the new additional gates on Concourse C to be utilized. (See project WA006 – C Concourse Gate Expansion.)

The construction of the taxiway will consist of 18 inches of concrete on a 6inch econcrete base with paved shoulders, taxiway lighting, guidance signage, and drainage facilities. Required storm water detention is also being addressed. The project construction will start in early 2006 and may be phased in order to accomplish the total work involved. The total cost of the project is estimated to be \$5,867,832.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division and semi-annual reports to the Finance and Audit Committee reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Jim Zsebe. Specialized consultants are used for some components of basic planning and construction management as needed. DPW staff will be used for construction inspection.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA061	Project Title and Location GMIA - Concourse E - Stem Remodeling and Electrical Service Upgrade	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 4	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$411,000				\$411,000
2005	\$1,278,000				\$1,278,000
2006	\$9,320,299				\$9,320,299
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$11,009,299	\$0	\$0	\$0	\$11,009,299

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$337,800	\$1,504,000		\$1,841,800
Construction & Implementation	\$1,351,200	\$7,816,299		\$9,167,499
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$1,202,800		\$1,202,800
Professional Services	\$270,240			\$270,240
DPW Charges	\$67,560	\$301,200		\$368,760
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$1,351,200	\$7,816,299		\$9,167,499
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,689,000	\$9,320,299	\$0	\$11,009,299

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$9,320,299
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$9,320,299

Cost Estimates Prepared By Engberg Anderson Design Partnership	DPW Review By Edward Baisch
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$71,669
2005 Expenditures	\$218,942
Total Expenditures to Date	\$290,611
Encumbrances	\$1,362,508
Available Balance	\$35,880

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans 9/05	
Complete Final Plans & Specifications 3/06	
Begin Construction 5/06	
Complete Construction 5/07	
Scheduled Project Closeout 11/07	

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA061 – GMIA Concourse E – Stem Remodeling and Electrical Service Upgrade

An appropriation of \$9,320,299 is budgeted for the design and construction phase of the E Concourse Stem Remodeling and Electrical Service Upgrade. Financing will be provided by \$6,289,426 Passenger Facility Charge (PFC) backed General Airport Revenue Bonds (GARBs). The remaining \$3,030,873 for the remodeling will be financed by GARBs backed by airport rates and charges.

In 2005, funding was provided for the study and design of the Stem Remodeling and Electrical Service Upgrade for Concourse E. Additional funding was also provided for the design and construction of the Security Checkpoint Expansion on Concourse E.

The construction of the Stem Remodeling will involve a cosmetic renovation of the interior concourse stem including flooring, wall covering, lighting, ceiling treatments, and new signage. Additionally, HVAC and fire protection improvements will be made and one set of restrooms will be modified to provide compliance with current ADA requirements. Finally, a 1,200 square foot office space addition will be constructed on the concourse level above existing apron-level airline operations space. The Airport's C and D Concourses are both being substantially remodeled under separate projects and the E Concourse is the last remaining concourse to be refurbished.

The Electrical Service Upgrade principally involves the facilities necessary to increase the electrical service to the E Concourse to allow for the installation of ground power and pre-conditioned air units at each gate on the concourse. These units, when installed, will replace the current use of auxiliary aircraft power and gasoline or diesel powered mobile units and will result in significant energy savings as well as reduced air pollution. Further objectives for the upgrade are to replace an aging and mechanically deficient substation on the concourse and to provide for improved emergency power for the concourse. The upgrade will include a new electrical feed from existing substation SG/1, the addition of a new substation in the concourse and the installation of a new emergency generator. To house the new substation and generator, two currently open apron level areas within the concourse will be enclosed (760 SF and 680 SF, respectively).

The remodeling portion of the project will provide an updated appearance for the concourse, consistent with the recent and current remodeling of the mall and the C and D Concourses. The electrical service upgrade will provide substantial energy and fiscal savings and reduced air pollution. The added emergency power will maintain essential airline and security operations and enhance life-safety in the event of a power outage.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division and semi-annual reports to the Finance and Audit Committee reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. Specialized consultants may be used for components of basic planning and construction management as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA072	Project Title and Location LJT - Runway & Taxiway Crack Repair & Sealcoating	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 8	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$399,168	\$379,210	\$9,979		\$9,979
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$399,168	\$379,210	\$9,979	\$0	\$9,979

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$66,308		\$66,308
Construction & Implementation				\$0
Right-of-Way Acquisition		\$332,860		\$332,860
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$66,308		\$66,308
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$332,860		\$332,860
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$399,168	\$0	\$399,168

Budget Year Financing

Federal, State and Local Aids	\$389,189
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	\$9,979
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget	\$399,168
Year Financing	

Cost Estimates Prepared By Tim Kipp	DPW Review By Edward Baisch
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 4/06
Complete Final Plans & Specifications 5/06
Begin Construction 7/06
Complete Construction 10/06
Scheduled Project Closeout 6/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA072 – LJT Runway and Taxiway Crack Repair and Sealcoating

An appropriation of \$399,168 is budgeted for crack repair and sealcoating for the runway and taxiway at Timmerman Airfield. Financing for this project will be provided by Federal Airport Improvement Program (AIP) revenue (\$379,210) and State funding (\$9,979) that will provide for 97.5 percent of the project funding. The (\$9,979) balance of the project will be financed by Airport Capital Improvement Reserve.

Crack repair and sealcoating are well-established methods to restore and extend the life of asphalt pavements. The Timmerman runway and taxiway pavements were last treated in 1992 and 1993. New treatment is now due to extend the effective life of the pavement and prevent the need for more expensive repairs.

Crack repair is considered the most effective way to extend pavement life. Crack seal is necessary to prevent intrusion of water and incompressibles (stones) into the cracks. Incompressibles in the cracks lead to a greater widening of the cracks and the intrusion of water contributes to the failure of the pavement subgrade.

Sealcoating after the completion of crack repair provides a waterproof cover over the existing pavement surface and provides resistance to abrasion by traffic. Specific functions of surface treatment can be summarized as follows: plug voids; coat and bond loose aggregate particles in the pavement surfaces; renew the surface and restore skid resistance to traffic-worn pavements in which the surface aggregate has become polished; and, prevent water from penetrating granular bases.

If the crack repair and sealcoating are not preformed continued pavement degradation would occur leading to premature pavement failure and costlier rehabilitation projects for the future. Proper maintenance will ensure that the airport will get the maximum performance from these pavements with a minimum of disruption and long-term cost.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Tim Kipp. Specialized consultants are used for some components of basic planning and design as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA083	Project Title and Location GMIA - North FBO Apron Reconstruction	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 6	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$1,861,115	\$1,395,837	\$232,639		\$232,639
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$1,861,115	\$1,395,837	\$232,639	\$0	\$232,639

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$307,165		\$307,165
Construction & Implementation		\$0		\$0
Right-of-Way Acquisition		\$1,553,950		\$1,553,950
Equipment				\$0
Other		\$0		\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$307,165		\$307,165
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$1,553,950		\$1,553,950
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$1,861,115	\$0	\$1,861,115

Budget Year Financing

Federal, State and Local Aids	\$1,628,476
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$232,639
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,861,115

Cost Estimates Prepared By Tim Kipp	DPW Review By Edward Baisch
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Project Useful Life (Years)	40
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 5/06
Complete Final Plans & Specifications 6/06
Begin Construction 8/06
Complete Construction 11/06
Scheduled Project Closeout 4/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA083 – GMIA North FBO Apron Reconstruction

An appropriation of \$1,861,115 is budgeted for rehabilitating the North Fixed Based Operator (FBO) apron. Financing will be provided by Federal Airport Improvement Program (AIP) revenue (\$1,395,837) and State funding (\$232,639). The (\$232,639) balance of the financing will be provided from General Airport Revenue Bonds (GARBS), with the annual principle and interest being recovered through increased rents assessed to the FBO.

The North FBO apron was constructed in 1991 and consists of 4 inches of asphalt on a 6-inch econocrete base. The ramp pavement was designed for smaller aircrafts. Security concerns since September 11, 2001 and the proliferation of sport teams and other private concerns utilizing larger planes has the FBO operator servicing aircraft that are outside the design capacity of the current ramp. In the areas where the large aircraft are parked the pavement is beginning to show signs of failure. The FBO operator has requested that two separate areas with the approximate dimensions of 200 feet by 250 feet and 200 feet by 400 feet be reconstructed with the standard Airport section of 18 inch of concrete on 6 inches of econocrete base. Paving these areas will allow the FBO to operate efficiently with the assurance that aircraft parked on the ramp will not cause the pavement to completely fail. Additionally providing the areas for large aircraft to park will assure that the large aircraft are not parked on other existing asphalt areas causing those areas to also fail.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Tim Kipp. Specialized consultants are used for some components of basic planning and construction management as needed. DPW staff will be used for construction inspection.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA084	Project Title and Location GMIA - Cessna Apron Addition	4789-2005
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 13	Person Completing Form Edward Baisch	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$81,000	\$60,750	\$10,125		\$10,125
2006	\$417,965	\$313,473	\$52,246		\$52,246
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$498,965	\$374,223	\$62,371	\$0	\$62,371

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$81,000	\$3,890		\$84,890
Construction & Implementation				\$0
Right-of-Way Acquisition		\$414,075		\$414,075
Equipment				\$0
Other		\$0		\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$81,000	\$3,890		\$84,890
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$414,075		\$414,075
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$81,000	\$417,965	\$0	\$498,965

Budget Year Financing

Federal, State and Local Aids	\$365,719
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$52,246
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$417,965

Cost Estimates Prepared By Jim Zsebe	DPW Review By Edward Baisch
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Project Useful Life (Years)	40
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$16,758
Total Expenditures to Date	\$16,758
Encumbrances	\$0
Available Balance	\$64,242

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 2/06
Complete Final Plans & Specifications 3/06
Begin Construction 5/06
Complete Construction 7/06
Scheduled Project Closeout 3/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA084 – GMIA Cessna Apron Addition

An appropriation of \$417,965 is budgeted for the construction of an additional ramp area for the Cessna Citation Service Center. Financing for the project will be provided by Federal Airport Improvement Program (AIP) revenue (\$313,473) and State funding of (\$52,246). The (\$52,246) balance of the financing will be provided from General Airport Revenue Bonds (GARB)s, with the annual principle and interest being recovered through increased rents assessed to Cessna.

The Cessna Citation Service Center hangar and ramp were constructed in 1989. In 2002, Johnson Controls constructed a hangar on the lot to the east of the Cessna site. Cessna has requested that additional ramp area be constructed on its site to provide a safe area for movement of the Citation aircraft. Prior to the Johnson Controls addition, the Citations were positioned to run to the east but with the hangar addition the exhaust is now directed across the parking lots leading to an unsafe condition. Cessna also anticipates that with the introduction of the larger Citation Sovereign, additional ramp area will be required.

The new ramp area would be to the north of the Cessna facility and would consist of 10 inches of concrete on a 12 inch stone base, with associated electrical and storm sewer work. The design is to be completed in 2005. The project was budgeted for \$81,000 for design in 2005 and \$417,965 for construction in 2006. The total estimated cost of the project is \$498,965.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Jim Zsebe. Specialized consultants are used for some components of basic planning and construction management as needed. DPW staff will be used for construction inspection.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA085	Project Title and Location GMIA - West Perimeter Road Reconstruction		4789-2005
Requesting Department or Agency Airport		Functional Group Transportation	
Department Priority 3	Person Completing Form Edward Baisch	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$460,041	\$345,031	\$57,505		\$57,505
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$460,041	\$345,031	\$57,505	\$0	\$57,505

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$76,300		\$76,300
Construction & Implementation				\$0
Right-of-Way Acquisition		\$383,741		\$383,741
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$76,300		\$76,300
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$383,741		\$383,741
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$460,041	\$0	\$460,041

Budget Year Financing

Federal, State and Local Aids	\$402,536
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	\$57,505
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$460,041

Cost Estimates Prepared By Tim Kipp	DPW Review By Edward Baisch
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 1/06
Complete Final Plans & Specifications 2/06
Begin Construction 4/06
Complete Construction 7/06
Scheduled Project Closeout 2/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA085 – GMIA West Perimeter Road Reconstruction

An appropriation of \$460,041 is budgeted for reconstructing the airport west perimeter roadway. Financing for the project will be provided by Federal Airport Improvement Program (AIP) revenue (\$345,031) and State funding (\$57,505). The (\$57,505) balance of the financing will be provided from Passenger Facility Charge (PFC) Revenue.

The present airport perimeter roadway, starting from the west Fixed Based Operator (FBO) and proceeding south to the east-west concrete roadway connector, has experienced severe base failure. Within the last two years the staging area for the fuel tankers has been relocated from the terminal area to the west FBO area, substantially increasing heavy vehicle movements on the road. This increased fuel tanker traffic from the west FBO apron to the terminal ramp has deteriorated the road significantly in a short period of time. The base failure has resulted in alligator type cracking of the four-inch thick asphalt surface course, which creates a “pumping” movement when driven on. The “pumping” action will render the roadway unusable and could jeopardize fully loaded fuel trucks and other airport vehicles. Although other sections of the perimeter road are constructed in the same manner, the problem is confined to this particular heavily traveled area.

To remedy the problem, the airport will replace the asphalt roadway with nine-inch thick concrete pavement and provide larger turning radiuses at intersections to reduce trucks tracking mud onto the aircraft aprons. The perimeter road security control gate would also require rebuilding with new traffic loops to control gate functions.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division and semi-annual reports to the Finance and Audit Committee reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Tim Kipp. Specialized consultants are used for some components of basic planning and construction management as needed. DPW staff will be used for construction inspection.

GENERAL MITCHELL INTERNATIONAL AIRPORT

Infrastructure Facts

Number of gates (3 additional gates are temporary)	42
Number of parking structure spaces	8,389
Number of surface lot parking spaces	
Public	3,659
Employee	1,453
Square feet of terminal and concourse space	776,900
Acres of aprons, runways and taxiways	415
Overall size (in acres)	2,386

2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 2 HIGHWAYS AND BRIDGES

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH010	Project Title and Location County Highway Action Program (CHAP) - South 76th St. (Puetz to Imperial)	4789-2005
Requesting Department or Agency Department of Parks & Public Infrastructure		Functional Group Transportation Division
Department Priority 7	Person Completing Form Joan L. Vitense	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$760,000	\$608,000		\$76,000	\$76,000
2007	\$1,130,000	\$904,000		\$113,000	\$113,000
2008	\$7,240,000	\$5,792,000		\$724,000	\$724,000
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$9,130,000	\$7,304,000	\$0	\$913,000	\$913,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$760,000		\$760,000
Construction & Implementation			\$8,370,000	\$8,370,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$90,000		\$90,000
Professional Services				\$0
DPW Charges		\$670,000		\$670,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction			\$8,370,000	\$8,370,000
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$760,000	\$8,370,000	\$9,130,000

Budget Year Financing

Federal, State and Local Aids	\$684,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$76,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$760,000

Cost Estimates Prepared By Benedict C. Eruchalu, P.E.	DPW Review By Ronald J. Rutkowski, P.E.
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Project Useful Life (Years)	25
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition December 2007
Complete Preliminary Plans July 2006
Complete Final Plans & Specifications December 2007
Begin Construction March 2008
Complete Construction December 2008
Scheduled Project Closeout December 2009

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH010 – County Highway Action Program (CHAP) South 76 Street (Puetz to Imperial)

An appropriation of \$760,000 is budgeted for the basic planning and design of CTH “U” – South 76th Street. Financing will be provided by \$608,000 in Federal revenue, \$76,000 in Local revenue and \$76,000 in general obligation bonds.

WH010171 – South 76th Street (West Puetz Road to West Imperial Drive) (City of Franklin)

South 76th Street (CTH “U”) is a two-lane roadway, which carries high volumes of traffic that will increase due to additional developments along the project corridor. The existing roadway has severely deteriorated and the intersections at West Imperial Drive and West Drexel Road need to be reconstructed to current standards.

There is a box culvert crossing the roadway north of West Drexel Road that has deteriorated and needs to be replaced.

		<u>Total</u>	<u>Federal</u>	<u>County</u>	<u>Local</u>
Design:	2006	\$ 760,000	\$ 608,000	\$ 76,000	\$ 76,000
	2007	\$ 380,000	\$ 304,000	\$ 38,000	\$ 38,000
Right-of-Way:	2007	\$ 750,000	\$ 600,000	\$ 75,000	\$ 75,000
Construction:	2008	<u>\$7,240,000</u>	<u>\$5,792,000</u>	<u>\$724,000</u>	<u>\$724,000</u>
	Grand Total	\$9,130,000	\$7,304,000	\$913,000	\$913,000

The project was initiated in 1996. A cost share of 80 percent Federal, 10 percent County and 10 percent City of Franklin was agreed upon in 1999. In 2000, a new cost share policy was adopted, which would have affected the project. A formal agreement is being executed between Milwaukee County and City of Franklin, based on the 1999 agreed cost share.

Upon completion of the storm water management analysis required by the Wisconsin Department of Natural Resources (NR216) and Milwaukee Metropolitan Sewerage District (Chapter 13), which takes place after completion of preliminary engineering, the project cost estimates may be increased. Further, there is the potential for Phase II Environmental Investigation and the resulting costs, including remediation, once construction has been started in the field.

Project scope and budget estimates are based on today’s known Federal, State and local legislations, field conditions, property values, etc. The longer the process and timeline from project inception and budget to construction, the greater the possibility that there will be schedule and cost adjustments.

Any surplus appropriations available upon completion of an approved project must be lapsed at years-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Parks and Public Infrastructure, Transportation Division, will perform project management. The project manager will be Benedict C. Eruchalu. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH030	Project Title and Location Bridge Replacement Program	4789-2005
Requesting Department or Agency Department of Parks & Public Infrastructure	Functional Group Transportation Division	
Department Priority	Person Completing Form Joan L. Vitense	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,114,200	\$864,280			\$249,920
2005	\$1,801,200	\$1,440,960			\$360,240
2006	\$2,760,000	\$2,208,000			\$552,000
2007	\$575,000	\$460,000			\$115,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$6,250,400	\$4,973,240	\$0	\$0	\$1,277,160

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$1,106,600	\$435,000		\$1,541,600
Construction & Implementation	\$1,801,200	\$2,325,000	\$575,000	\$4,701,200
Right-of-Way Acquisition	\$7,600			\$7,600
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$295,000		\$295,000
Professional Services	\$175,000			\$175,000
DPW Charges	\$1,201,780	\$140,000		\$1,341,780
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$7,600			\$7,600
Roadway Plng & Construction	\$1,531,020	\$2,325,000	\$575,000	\$4,431,020
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$2,915,400	\$2,760,000	\$575,000	\$6,250,400

Budget Year Financing

Federal, State and Local Aids	\$2,208,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$552,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$2,760,000

Cost Estimates Prepared By Mahmoud N. Malas, P.E.	DPW Review By Ronald J. Rutkowski, P.E.
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Project Useful Life (Years)	50
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Project Fiscal Status

Prior Year Expenditures	\$319,765
2004 Expenditures	\$201,297
2005 Expenditures	\$188,241
Total Expenditures to Date	\$709,303
Encumbrances	\$432,344
Available Balance	\$1,773,753

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	Various
Complete Final Plans & Specifications	Various
Begin Construction	Various
Complete Construction	Various
Scheduled Project Closeout	Various

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH030 – Bridge Replacement Program

An appropriation of \$2,760,000 is budgeted for basic planning and design, and construction for this program. Financing will be provided by \$2,208,000 in Federal revenue and \$552,000 in general obligation bonds.

The County has been efficiently and responsibly replacing bridges with known deficiencies and safety concerns under this program. All of the projects under this program qualify for 80 percent Federal and State funding. The projects listed below have been approved for Federal funding by the Wisconsin Department of Transportation (WisDOT) and are included in County Board Resolution File No. 97-312, File No. 99-305, and File No. 01-556 as priority bridge projects.

If the projects are not undertaken in the near future, the condition of the deteriorated deck may worsen and continue to damage supporting structural elements that may eventually lead to a bridge load limit posting or closure and increased County liability. County projects may also be delayed if unused funding under the Local Bridge Program is reassigned to other municipalities. Should this happen, the County could end up funding these projects with 100 percent County money. Eligible projects under the Local Bridge Program, which provides 80 percent State and Federal funding, must have sufficiency ratings of 50 or less to be considered for replacement or a sufficiency rating of 80 or less to be considered for rehabilitation.

WH030012 - West Forest Home Avenue over a branch of the Root River (Village of Hales Corners)

An appropriation of \$675,000 is budgeted for this final phase of the construction of this project. Financing will be provided by \$540,000 in Federal revenue and \$135,000 in general obligation bonds.

The bridge (B-40-0030) carries West Forest Home Avenue (CTH “OO”) over a branch of the Root River and is located approximately 1.0 mile west of junction USH 45, in the Village of Hales Corners. The existing bridge was constructed in 1957 and is a single-span, reinforced concrete, ridged frame structure. The bridge is in poor condition having severely deteriorated slab and construction joints, exposed and corroded reinforcing steel bars.

The condition of the bridge is beyond rehabilitation through normal maintenance and requires replacement. The sufficiency number for this structure is 23.9, which qualifies for 80 percent Federal and State funding under the Local Bridge Program.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2002	\$ 201,000	\$152,550	-	\$ 48,450	-
Right-of-Way:	2004	\$ 7,600	-	-	\$ 7,600	-
Construction:	2005	\$ 450,000	\$360,000	-	\$ 90,000	-
	2006	<u>\$ 675,000</u>	<u>\$540,000</u>	-	<u>\$135,000</u>	-
Grand Total		\$1,333,600	\$1,052,550	-	\$281,050	-

WH030041 - Jackson Park Drive Bridge #568 over the North Branch of the Kinnickinnic River (City of West Milwaukee)

An appropriation of \$135,000 is budgeted for the design phase of this project. Financing will be provided by \$108,000 in Federal revenue and \$27,000 in general obligation bonds.

The bridge (P-40-0568) carries Jackson Park Drive over the north branch of the Kinnickinnic River and is located 0.1 mile north of junction of STH 24 located in the City of West Milwaukee.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH030 – Bridge Replacement Program (Continued)

The existing bridge was built in 1950 and is a concrete slab, single span rigid frame structure. The bridge is badly deteriorated with cracked and spalled concrete slab and substructure. The concrete sidewalk, stone-faced parapets and wing walls are deteriorated, cracked and spalled with loose and missing stone facing. The channel paving is deteriorated, settled and cracked.

The condition of the bridge is beyond normal maintenance and requires replacement. The sufficiency number for this structure is 38.2, which qualifies for 80 percent Federal and State funding under the Local Bridge Program.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2006	\$135,000	\$108,000	-	\$ 27,000	-
Construction:	2007	<u>\$575,000</u>	<u>\$460,000</u>	-	<u>\$115,000</u>	-
	Grand Total	\$710,000	\$568,000	-	\$142,000	-

WH030052 - West College Avenue – Whitnall Park Bridge #562 **(City of Milwaukee)**

An appropriation of \$610,000 is budgeted for the construction phase of this project. Financing will be provided by \$488,000 in Federal revenue and \$122,000 in general obligation bonds.

West College Avenue – Whitnall Park Bridge #562, State I.D. # P-40-0562, County Bridge No. 57, carries West College Avenue (extended) over the Root River in Whitnall Park. It is located approximately 1.1 miles west of County Trunk Highway (CTH) U or South 76th Street. The existing bridge was constructed in 1939 and is a single-span concrete deck girder bridge. The structure is badly deteriorated and the concrete and stone facing are cracked and spalled. The railing is substandard and deteriorated.

The condition of the existing bridge is beyond normal maintenance and requires replacement. The sufficiency number for this structure is 47.6, which will qualify it for 80 percent Federal and State funding under the Local Bridge Program.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2004	\$120,000	\$ 96,000	-	\$ 24,000	-
Construction:	2006	<u>\$610,000</u>	<u>\$488,000</u>	-	<u>\$122,000</u>	-
	Grand Total	\$730,000	\$584,000	-	\$146,000	-

WH030082 - Honey Creek Parkway Bridge #779 over the Honey Creek **(City of Wauwatosa)**

An appropriation of \$670,000 is budgeted for the construction phase of this project. Financing will be provided by \$536,000 in Federal revenue and \$134,000 in general obligation bonds.

The bridge (P-40-0779) carries the Honey Creek Parkway over the Honey Creek and is located approximately 0.4 mile north of junction USH 18, in the City of Wauwatosa. The existing bridge was constructed in 1932 and is a single span concrete flat slab. The bridge is deteriorated, concrete is spalled and cracked and facade stone mortar joints are failing. The bridge has historic significance.

The condition of the bridge is beyond rehabilitation through normal routine maintenance and requires replacement. The sufficiency number is 35.1, which qualifies for 80 percent Federal and State funding under the Local Bridge Program.

**2006 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WH030 – Bridge Replacement Program (Continued)

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2003	\$123,000	\$ 98,400	-	\$ 24,600	-
Construction:	2006	<u>\$670,000</u>	<u>\$536,000</u>	-	<u>\$134,000</u>	-
	Grand Total	\$793,000	\$634,400	-	\$158,600	-

**WH030092 - Honey Creek Parkway Bridge #780 over the Honey Creek
(City of Wauwatosa)**

An appropriation of \$670,000 is budgeted for the construction phase of this project. Financing will be provided by \$536,000 in Federal revenue and \$134,000 in general obligation bonds.

The bridge (P-40-0780) carries the Honey Creek Parkway over the Honey Creek and is located approximately 0.8 mile north of junction USH 18, in the City of Wauwatosa. The existing bridge was constructed in 1933 and is a single span concrete flat slab. The bridge is deteriorated, concrete is spalled and cracked and facade stone mortar joints are failing. The bridge has historic significance.

The condition of the bridge is beyond rehabilitation through normal routine maintenance and requires replacement. The sufficiency number is 49.7, which qualifies for 80 percent Federal and State funding under the Local Bridge Program.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2003	\$123,000	\$ 98,400	-	\$ 24,600	-
Construction:	2006	<u>\$670,000</u>	<u>\$536,000</u>	-	<u>\$134,000</u>	-
	Grand Total	\$793,000	\$634,400	-	\$158,600	-

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Parks and Public Infrastructure, Transportation Division, will perform project management. The project manager will be Mahmoud (Mac) N. Malas. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH082	Project Title and Location National Highway System (NHS) - West Rawson Avenue	4789-2005
Requesting Department or Agency Department of Parks & Public Infrastructure		Functional Group Transportation Division
Department Priority 3	Person Completing Form Joan L. Vitense	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$660,000	\$104,000		\$78,000	\$478,000
2005					\$0
2006	\$1,973,200	\$1,578,560			\$394,640
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$2,633,200	\$1,682,560	\$0	\$78,000	\$872,640

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$260,000			\$260,000
Construction & Implementation	\$400,000	\$1,973,200		\$2,373,200
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$260,000	\$295,980		\$555,980
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction	\$400,000	\$1,677,220		\$2,077,220
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$660,000	\$1,973,200	\$0	\$2,633,200

Budget Year Financing

Federal, State and Local Aids	\$1,578,560
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$394,640
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,973,200

Cost Estimates Prepared By Benedict C. Eruchalu, P.E.	DPW Review By Ronald J. Rutkowski, P.E.
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Project Useful Life (Years)	25
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$80,467
2005 Expenditures	\$156,286
Total Expenditures to Date	\$236,753
Encumbrances	\$0
Available Balance	\$423,247

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	December 2004
Complete Final Plans & Specifications	December 2005
Begin Construction	March 2006
Complete Construction	December 2006
Scheduled Project Closeout	December 2007

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH082 – National Highway System West Rawson Avenue

An appropriation of \$1,973,200 is budgeted for the right-of-way and construction phases of this program. Financing will be provided by \$1,578,560 in Federal revenue and \$394,640 in general obligation bonds.

There is no National Highway System (NHS) funding available for the right-of-way and construction phases of these projects at this time. Transportation Services is continuing to work with the State and Southeastern Wisconsin Regional Planning Commission (SEWRPC) on capturing NHS funding for future projects.

Currently, the County has committed its Surface Transportation Program - Urban (STP-U) entitlement to these projects. The objective of STP-U is to improve federal aid eligible highways within urban areas. Projects must meet federal and state requirements. Communities are eligible for funding on roads functionally classified as higher than "local".

WH082032 – West Rawson Avenue (South 27th Street to South 6th Street) (City of Oak Creek)

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2003	\$ 260,000	\$ 104,000	-	\$ 78,000	\$78,000
Construction:	2006	<u>\$1,973,200</u>	<u>\$1,578,560</u>	-	<u>\$394,640</u>	<u>-----</u>
	Grand Total	\$2,233,200	\$1,682,560	-	\$472,640	\$78,000

The City of Oak Creek has committed their STP-U Funds to this project, resulting in 70 percent County STP-U and 10 percent Oak Creek STP-U. The remaining 20 percent match is to be provided by Milwaukee County.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Parks and Public Infrastructure, Transportation Division, will perform project management. The project manager will be Benedict C. Eruchalu. Consultants may be used for some components of the basic planning and design, and construction phases of the projects as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH083	Project Title and Location West Silver Spring Drive (North 124th Street to North 69th Street)	4789-2005
Requesting Department or Agency Department of Parks & Public Infrastructure		Functional Group Transportation Division
Department Priority 5	Person Completing Form Joan L. Vitense	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$1,112,000	\$895,600			\$216,400
2007	\$4,815,100	\$3,878,090			\$937,010
2008	\$700,000	\$560,000			\$140,000
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$6,627,100	\$5,333,690	\$0	\$0	\$1,293,410

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$1,112,000		\$1,112,000
Construction & Implementation			\$5,515,100	\$5,515,100
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$290,000		\$290,000
Professional Services			\$160,000	\$160,000
DPW Charges		\$822,000	\$613,250	\$1,435,250
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Png & Construction			\$4,741,850	\$4,741,850
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$1,112,000	\$5,515,100	\$6,627,100

Budget Year Financing

Federal, State and Local Aids	\$895,600
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$216,400
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,112,000

Cost Estimates Prepared By R. M. Bertran/B.C. Eruchalu/M.N. Malas	DPW Review By Ronald J. Rutkowski, P.E.
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition N/A
Complete Preliminary Plans June 2006
Complete Final Plans & Specifications December 2006
Begin Construction January 2007
Complete Construction December 2008
Scheduled Project Closeout December 2009

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH083 – West Silver Spring Drive (North 124th Street to North 69th Street)

An appropriation of \$1,112,000 is budgeted for the basic planning and design phase of this project. Financing will be provided by \$895,600 in Federal revenue and \$216,400 in general obligation bonds.

WH083011 - West Silver Spring Drive (North 124th Street to North 69th Street) (City of Milwaukee) (Highway Portion)

An appropriation of \$802,000 is budgeted for basic planning and design for this project. Financing will be provided by \$641,600 in Federal revenue and \$160,400 in general obligation bonds.

This segment of West Silver Spring Drive is showing signs of pavement distress which, if not addressed in a timely fashion, will require major reconstruction over the long term.

Surface Transportation Program-Metropolitan (STP-M) is the Federal funding source.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2006	\$ 802,000	\$ 641,600	-	\$160,400	-
Construction:	2007	\$3,055,000	\$2,444,000	-	\$611,000	-
	2008	<u>\$ 700,000</u>	<u>\$ 560,000</u>	-	<u>\$140,000</u>	-
Grand Total		\$4,557,000	\$3,645,600	-	\$911,400	-

WH083021 West Silver Spring Drive over the Little Menomonee River (City of Milwaukee) (Bridge Portion)

An appropriation of \$250,000 is budgeted for basic planning and design for this project. Financing for the project will be provided by \$200,000 in Federal revenue and \$50,000 in general obligation bonds.

The project includes design cost for the rehabilitation (deck overlay and sidewalk replacement) of the eastbound and westbound bridges. Bridges B-40-0162 and B-40-0247 carry West Silver Spring Drive over the Little Menomonee River and are located 0.5 mile east of STH 100, in the City of Milwaukee. The existing bridges were constructed in 1964 and are three-span cast in place concrete, haunch slab structures. The concrete slab, sidewalks and parapets are severely deteriorated, cracked and spalled, reinforcing steel is exposed and corroded. Also the earth banks along the abutments are badly eroding.

The condition of the superstructure is beyond rehabilitation through normal maintenance. They require deck overlay, sidewalk and railing replacement, and substructure repairs. The sufficiency number for these structures varies from 57.5 to 62.5, which qualifies them for 80 percent Federal and State funding under the Local Bridge Program. If this project is not undertaken in a timely manner, the condition of the deteriorated deck will worsen and eventually lead to a considerable increase in the cost of rehabilitation. This may lead to load limit posting or closure of the road, and increasing the County's liability.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2006	\$ 250,000	\$ 200,000	-	\$ 50,000	-
Construction:	2007	<u>\$1,500,000</u>	<u>\$1,200,000</u>	-	<u>\$300,000</u>	-
Grand Total		\$1,750,000	\$1,400,000	-	\$350,000	-

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH083011 – West Silver Spring Drive (North 124th Street to North 69th Street) (Continued)

WH083031 - West Silver Spring Drive (North 91st Street to North 124th Street) (City of Milwaukee) (Traffic Portion)

An appropriation of \$60,000 is budgeted for the basic planning and design of this project. Financing will be provided by \$54,000 in Federal revenue and \$6,000 in general obligation bonds.

West Silver Spring Road (CTH E) carries approximately 40,000 vehicles daily. The lack of coordination between traffic signals adversely affects traffic progression along this arterial. Without coordination, vehicles are stopped unnecessarily at intersections, causing delays and crashes. Arterials with poor coordination experience lower fuel efficiency, unnecessary stops which contributes to air pollution and exposed drivers to primary and secondary traffic crashes than drivers on coordinated arterials.

There are high volumes and severe congestion in this portion of the West Silver Spring Drive corridor, resulting in significant queuing and a high number of rear-end and angle crashes. The proposed improvements are expected to reduce congestion and emissions, as well as reduce crashes at the intersections along this corridor. These improvements include upgrading signal equipment and signage, updating signal timings and installing communication interconnect in this section.

The current appropriation is for basic planning and design of traffic signal interconnection, communication equipment, signage, pavement markings, system hardware and traffic signal coordination.

Federal Funding was approved in 2002, which is available through the Hazard Elimination Safety (HES) program. The funds provide 90 percent reimbursement of the project costs.

		<u>Total</u>	<u>Federal</u>	<u>State</u>	<u>County</u>	<u>Local</u>
Design:	2006	\$ 60,000	\$ 54,000	-	\$ 6,000	-
Construction:	2007	<u>\$260,100</u>	<u>\$234,090</u>	=	<u>\$26,010</u>	=
	Grand Total	\$320,100	\$288,090	-	\$32,010	-

Any surplus appropriations available upon completion of an approved project must be lapsed at years-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Parks and Public Infrastructure, Transportation Division, will perform project management. The project managers will be Benedict Eruchalu, Mahmoud Malas and Rollin M. Bertran. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH201	Project Title and Location North Port Washington Road (Good Hope Road to Laramie Lane)	4789-2005
Requesting Department or Agency Department of Parks & Public Infrastructure		Functional Group Transportation Division
Department Priority 1	Person Completing Form Joan L. Vitense	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$18,555,422	\$4,722,670	\$705,000	\$920,757	\$12,206,995
2005	\$3,567,509	\$2,800,000		\$350,000	\$417,509
2006	\$1,790,000	\$1,432,000		\$179,000	\$179,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$23,912,931.43	\$8,954,670	\$705,000	\$1,449,757	\$12,803,504

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$1,357,796			\$1,357,796
Construction & Implementation	\$18,263,272	\$1,790,000		\$20,053,272
Right-of-Way Acquisition	\$2,501,863			\$2,501,863
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$1,357,796			\$1,357,796
Capitalized Interest				\$0
Park Services		\$268,500		\$268,500
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$2,501,863			\$2,501,863
Roadway Plng & Construction	\$18,263,272	\$1,521,500		\$19,784,772
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$22,122,931	\$1,790,000	\$0	\$23,912,931.43

Budget Year Financing

Federal, State and Local Aids	\$1,611,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$179,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,790,000

Cost Estimates Prepared By Benedict C. Eruchalu, P.E.	DPW Review By Ronald J. Rutkowski, P.E.
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Project Useful Life (Years)	25
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Project Fiscal Status

Prior Year Expenditures	\$13,394,445
2004 Expenditures	\$2,828,837
2005 Expenditures	\$2,050,986
Total Expenditures to Date	\$18,274,269
Encumbrances	\$2,356,782
Available Balance	\$1,491,881

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition February 2005
Complete Preliminary Plans August 2004
Complete Final Plans & Specifications February 2005
Begin Construction April 2005
Complete Construction December 2006
Scheduled Project Closeout December 2007

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH201 – North Port Washington Rd (Good Hope to Laramie)

An appropriation of \$1,790,000 is budgeted for the completion of construction for North Port Washington Road. Financing will be provided by \$1,432,000 in Federal revenue, \$179,000 in local revenue and \$179,000 in general obligation bonds.

WH201132 – North Port Washington Road (West Good Hope Road to West Laramie Lane) (City of Glendale; Villages of Fox Point, Bayside)

Port Washington Road is a reconstruction project that took three years for the design and real estate acquisition phases to be completed. The construction was split into two phases. Phase I in the Village of Bayside and the Village of Fox Point was started in 2003 and completed in 2004. Phase II in the Village of Fox Point and the City of Glendale was started in 2005 and is expected to be completed in 2006.

Surface Transportation Program – Urban (STP-U) is the Federal funding source. The STP-U funding will consist of an 80 percent Federal and 20 percent Local match. Consistent with the County's cost share policy, the 20 percent Local match is shown below.

This appropriation of \$1,790,000 will complete the construction of Phase II of the project. Two communities, the City of Glendale and Village of Fox Point, will be contributing a pro-rated share of the local funding, which will not exceed ten percent of the eligible project cost.

		<u>Total</u>	<u>Federal</u>	<u>County</u>	<u>Local</u>
Design:	2000	\$ 600,000	\$ 472,000	\$ 68,000	\$ 60,000
	2004	\$ 173,720	\$ 138,976	\$ 17,372	\$ 17,372
Right-of-Way:	2001	\$ 250,000	\$ 200,000	\$ 25,000	\$ 25,000
	2004	\$ 1,006,715	\$ 805,372	\$ 100,671	\$ 100,672
Construction:	2003	\$ 2,230,000	\$1,784,000	\$ 223,000	\$ 223,000
	2004	\$ 969,137	\$ 775,310	\$ 96,914	\$ 96,913
	2005	\$ 3,567,509	\$2,800,000	\$ 417,509	\$ 350,000
	2006	<u>\$ 1,790,000</u>	<u>\$1,432,000</u>	<u>\$ 179,000</u>	<u>\$ 179,000</u>
Grand Total		\$10,587,081	\$8,407,658	\$1,127,466	\$1,051,957

Any surplus appropriations available upon completion of an approved project must be lapsed at years-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Parks and Public Infrastructure, Transportation Division, will perform project management. The project manager will be Benedict C. Eruchalu. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed

Milwaukee County Highway Bridges
(As of January 1, 2006)

A sufficiency rating of 50 or less is required for use of State or Federal funds for structure replacement and 80 or less for structure rehabilitation.

Bridge Ref. #	State I.D. Number	LOCATION	Length (ft.)	No. of Lanes	Sufficiency Rating
1	B-40-0156	N. Teutonia Ave. over branch of Milwaukee River	33.7	6	73.2
2	B-40-0162	W. Silver Spring Dr. (eastbound) over Little Men. River	126.2	2	57.5
3	B-40-0247	W. Silver Spring Dr. (westbound) over Little Men. River	126.2	2	62.5
4	B-40-0212	W. Mill Road over Little Menomonee River	37.0	4	81.6
5	B-40-0506	Wisconsin & Southern RR over W. Mill Road	354.8	N/A	N/A
6	B-40-0510	W. Mill Road over Lincoln Creek	32.2	4	78.5
7	B-40-0700	W. Beloit Road over Root River	50.0	4	N/A
8	B-40-0164	S. 76th St. over W. Forest Home Avenue	255.7	6	52.1
9.1	B-40-0575	S. 76th St. over Root River (northbound)	82.8	3	61.6
9.2	B-40-0576	S. 76th St. over Root River (southbound)	82.8	3	75.0
10.1	B-40-0573	S. 76th St. over Loomis Road (northbound)	254.8	3	79.5
10.2	B-40-0574	S. 76th St. over Loomis Road (southbound)	254.8	2	79.6
11	B-40-0680	S. 76th St. over Ryan Creek	25.0	2	97.3
12	B-40-0032	S. 76th St. over branch of Root River	74.0	2	80.0
13	B-40-0569	S. 13th St. over Root River	194.0	4	99.6
14	B-40-0607	S. 13th St. over Oak Creek	45.0	4	97.3
15	B-40-0013	W. Layton Avenue over Root River	115.9	6	78.6
16	B-40-0163	W. Layton Avenue over Forest Home Avenue	273.0	4	94.6
18	B-40-0075	W. Rawson Avenue over branch of Root River	38.3	2	96.1
19.1	B-40-0645	W. Rawson Avenue over Root River (east bound)	140.4	3	98.1
19.2	B-40-0661	W. Rawson Avenue over Root River (west bound)	140.4	3	97.8
19.3	B-40-0664	W. Rawson Avenue over Tributary of Root River (east bound)	30.0	3	99.0
19.4	B-40-0665	W. Rawson Avenue over Tributary of Root River (west bound)	30.0	3	100.0
20	B-40-0389	W. Rawson Avenue over branch of Oak Creek	24.3	6	77.8
21	B-40-0011	E. Rawson Avenue over branch of Oak Creek	23.0	4	67.1
22	B-40-0020	E. Rawson Avenue (eastbound) over The Union Pacific RR	197.5	2	80.0
23	B-40-0021	E. Rawson Avenue (westbound) over the Union Pacific RR	197.5	2	79.0
24	B-40-0695	W. Hampton Avenue (eastbound) over the Union Pacific RR	307.0	2	N/A
25	B-40-0696	W. Hampton Avenue (westbound) over the Union Pacific	307.0	2	N/A
26	B-40-0697	W. Hampton Avenue (eastbound) over Little Men. Riv.	194.0	2	N/A
27	B-40-0698	W. Hampton Avenue (westbound) over Little Men. Riv.	194.0	2	N/A
28	P-40-0534	W. Hampton Avenue over Lincoln Creek	116.0	4	93.5
29	B-40-0027	W. Oklahoma Avenue over Honey Creek	42.0	4	43.4
30	B-40-0705	W. Forest Home Avenue over branch of Root River	38.0	4	N/A
31	B-40-0497	W. Good Hope Road (westbound) over Little Men. River	107.8	3	73.9
32	B-40-0498	W. Good Hope Road (eastbound) over Little Men. River	107.8	3	71.8
33	P-40-0659	W. Good Hope Road over Lincoln Creek	22.2	6	69.1
34	B-40-0456	Union Pacific Railroad over W. Good Hope Road	198.7	N/A	N/A
35	B-40-0370	W. Good Hope Road over branch of Milwaukee River	22.0	4	76.5
36	B-40-0372	W. Good Hope Rd. (eastbound) over Milwaukee River	177.2	3	73.0
37	B-40-0373	W. Good Hope Rd. (westbound) over Milwaukee River	177.2	3	73.0
38	B-40-0374	W. Good Hope Rd. (eastbound) over Milwaukee River	309.5	3	71.3
39	B-40-0375	W. Good Hope Rd. (westbound) over Milwaukee River	309.5	3	71.1
40.1	B-40-0517	W. College Avenue (eastbound) over Soo Line R.R.	209.3	2	95.7
40.2	B-40-0518	W. College Avenue (westbound) over Soo Line R.R.	209.3	2	96.0
41	B-40-0012	E. College Avenue over branch of Oak Creek	25.0	2	86.7

Milwaukee County Highway Bridges
(As of January 1, 2006)

A sufficiency rating of 50 or less is required for use of State or Federal funds for structure replacement and 80 or less for structure rehabilitation.

Bridge Ref. #	State I.D. Number	LOCATION	Length (ft.)	No. of Lanes	Sufficiency Rating
42	B-40-0506	Union Pacific Railroad over East College Avenue	115.7	N/A	N/A
43	B-40-0636	E. Locust Street over C&NWT Co. (R.O.W.)	78.0	4	84.0
44	P-40-0575	Oak Leaf Bike Trail over Hubbard Park Drive	42.0	N/A	N/A
46	B-40-0558	E. Bellevue Place over C&NWT Co. (R.O.W.)	74.5	2	97.9
46.2	B-40-0515	W. Mill Road over Lynx Br. of Little Men. River	22.0	6	79.3
47	B-40-0218	Oak Creek Parkway over Oak Creek	70.8	2	80.4
48	P-04-0740	Oak Creek Parkway over Oak Creek east of Mill Road	48.0	2	82.7
49	P-40-0741	Oak Creek Parkway over Oak Creek @ 8th Avenue	68.0	2	37.8
50	B-40-0026	Oak Creek Parkway over Oak Creek @ 9th Avenue	52.0	2	94.0
51	B-40-0601	Oak Creek Parkway over Oak Creek @ Oak Street	49.8	2	93.2
53	B-40-0936	Mill Road over Oak Creek	48.0	2	68.9
54	P-40-0561	Root River Parkway over Root River	46.0	2	63.9
56	B-40-0564	Root River Parkway (east) over Hale Creek	26.5	2	97.9
57	P-40-0562	College Avenue (Extended) over Root River	46.0	2	47.6
58	B-40-0031	College Ave. (Extended) over Root River east of S. 92nd	31.0	2	96.6
59	P-40-0721	Whitnall Park Drive over branch of Root River	28.0	2	58.6
60	P-40-0713	Whitnall Park Drive over branch of Root River	24.5	2	64.8
61	P-40-0564	Whitnall Park Drive over branch of Root River east of STH 100	28.0	2	42.3
62	P-40-0565	Whitnall Park Drive over branch of Root River east of STH 100	28.0	2	55.7
63	P-40-0566	Root River Parkway Connector over Root River	42.5	1	74.5
64	P-40-0570	Honey Creek Pkwy over Honey Creek South of Bluemound Road	48.0	2	89.4
65	P-40-0778	Honey Creek Pkwy over Honey Creek @ St. Anne Court	48.0	2	88.0
66	P-40-0779	Honey Creek Pkwy over Honey Creek S. of Portland Ave.	29.5	2	35.1
67	P-40-0780	Honey Creek Pkwy over Honey Creek W. of N. 70th St.	44.8	2	49.7
68	B-40-0341	Meno. River Pkwy over branch of Meno River east of STH 100	26.5	2	89.0
69	P-40-0771	W. Vienna Avenue over branch of Meno. River @ Grantosa Pkwy	37.0	2	66.6
70	B-40-0511	Swan Boulevard over Menomonee River	127.6	4	77.6
71	P-40-0572	Brown Deer Park Road over Lagoon @ Pavilion	28.0	2	85.5
72	B-40-0646	Milw. River Pkwy over north branch of Milwaukee River	61.2	2	41.0
73	B-40-0647	Milw. River Pkwy over south branch of Milwaukee River	72.2	2	34.7
74	P-40-0573	Lake Park Drive over Ravine south of Lake Drive	50.0	2	77.5
79	B-40-0559	E. Lafayette Pl. & N. Summit Ave. over the Oak Leaf Bike Trail	75.1	4	97.2
80	B-40-0502	E. North Avenue over the Oak Leaf Bike Trail	95.6	4	76.0
81	B-40-0503	N. Oakland Avenue over the Oak Leaf Bike Trail	124.0	4	78.4
82	P-40-0750	W. Hampton Avenue over Milwaukee River-Lincoln Park	291.0	4	74.2
83	B-40-0524	E. Mason Street over Lincoln Memorial Drive	674.9	4	93.4
84	P-40-0568	Jackson Park Dr. over north branch of Kinnickinnic River	40.3	2	38.2
85	P-40-0569	Kinnickinnic River Parkway	124.0	4	64.5
86	B-40-0282	Airport Runway over Howell Avenue	90.9	N/A	N/A
87	B-40-0525	Air Cargo Road over Howell Avenue	179.9	2	96.0
88	B-40-0536	S. Barnekow Road over Soo Line Railroad	144.8	2	100.0

Milwaukee County Trunk Highways

(As of January 1, 2006)

	CTH		Miles
Six-Lane Divided Roadways			
West Good Hope Road	PP	North 107th Street – North Port Washington Road	6.5
West Silver Spring Drive	E	North 124th Street – North 68th Street	3.5
South 76th Street	U	West Grange Avenue - West Oklahoma Avenue	3.0
West Rawson Avenue	BB	South 27th Street – South Howell Avenue	2.0
West College Avenue	ZZ	South 20th Street – South 13th Street	0.5
East Layton Avenue	Y	STH 794 – South Whitnall Avenue	0.2
West Layton Avenue	Y	South 84th Street – South 76th Street	0.5
Four-Lane Divided Roadways			
North Teutonia Avenue	D	West Good Hope Road - North 43rd Street	1.8
West Mill Road	S	North 91st Street - North 43rd Street	3.0
West Hampton Avenue	EE	North 124th Street - North 60th Street	4.0
North Port Washington Road	W	Daphne Road - Mall Road	0.8
West Oklahoma Avenue	NN	West National Avenue - South 72nd Street	2.9
West Beloit Road	T	South 103rd Street - West Oklahoma Avenue	1.0
West Layton Avenue	Y	South 76th Street - West Loomis Road	2.0
West Layton Avenue	Y	West Loomis Road - South 27th Street (No. C & G)	1.1
West Layton Avenue	Y	South 108th Street - South 84th Street	1.4
East Layton Avenue	Y	South Howell Avenue - STH 794	1.2
East Layton Avenue	Y	Whitnall Avenue - Nicholson Road	0.3
West College Avenue	ZZ	South 27th Street - South 20th Street	0.5
West College Avenue	ZZ	South 13th Street – South Howell Avenue	1.0
East College Avenue	ZZ	South Pennsylvania Avenue - South Packard Avenue	1.0
West Rawson Avenue	BB	Hawthorne Lane - South 51st Street	2.1
West Rawson Avenue	BB	South 51st Street - South 27th Street	1.5
West Rawson Avenue	BB	South Howell Avenue - South Pennsylvania Avenue (No. C & G)	1.5
West Forest Home Avenue	OO	Woods Road (Extended) - Janesville Road	1.0
North 43rd Street	G	West Mill Road - West Bradley Road	2.0
South 76th Street	U	Terrace Drive - West Grange Avenue	2.4
South 92nd Street	N	West Oklahoma Avenue - West Beloit Road	0.2
Four-Lane Roadways			
West Mill Road	S	North 43rd Street – North Teutonia Avenue	0.8
East Layton Avenue	Y	Barland Avenue – Lake Drive	1.0
West Beloit Road	T	South 108th Street – South 103rd Street	0.5
Two-Lane Roadways			
North 107th Street	F	West Brown Deer Road - North County Line Road	1.0
North Port Washington Road	W	West Brown Deer Road – Ravine Lane	0.9
West Mill Road	S	US 45 – North 107th Street	1.3
West Mill Road	S	North Teutonia Avenue – North Green Bay Road	0.8
West Beloit Road	T	West County Line Road – South 108th Street	1.0
Old Loomis Road / Crystal Ridge Drive	K	West Rawson Avenue – East Terminus	1.3
West Rawson Avenue	BB	South North Cape Road – Hawthorne Lane	2.1
West Forest Home Avenue	OO	West County Line Road – Woods Road (Extended)	1.8
South North Cape Road	J	West County Line Road – West Forest Home Avenue	2.0
St. Martin's Road	MM	South North Cape Road – STH 100	1.7
West Ryan Road	H	West Loomis Road – STH 100	1.9
South 68th Street	A	West Ryan Road – House of Correction	0.7
South 76th Street	U	South County Line Road – West Puetz Road	3.0
South 13th Street	V	South County Line Road – West Rawson Avenue	5.0

Milwaukee County Trunk Highways
(As of January 1, 2006)

Two-Lane Roadways - Candidates for Reconstruction to Four-Lane Divided

North Port Washington Road	W	West Mall Road – West Brown Deer Road	1.9
West Mill Road	S	North 107th Street – North 91st Street	1.0
West College Avenue	ZZ	West Loomis Road – South 27th Street	2.2
East College Avenue	ZZ	South Howell Avenue – South Pennsylvania Avenue	1.5
South 76th Street	U	West Puetz Road – West Terrace Drive	1.7
South 92nd Street	N	West Forest Home Avenue – West Beloit Road	2.3
South 13th Street	V	West Rawson Avenue – West College Avenue	1.0

Total Miles of County Trunk Highways	87.3
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2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 3 MASS TRANSIT

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT011	Project Title and Location Bus Replacement Program - Orion Buses	4789-2005
Requesting Department or Agency DPPI - Transportation Planning		Functional Group Transportation
Department Priority 1	Person Completing Form Steve Nigh	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$8,256,800	\$6,833,348			\$1,423,452
2005	\$4,290,000	\$3,553,500			\$736,500
2006	\$2,600,000	\$2,152,900			\$447,100
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$15,146,800	\$12,539,748	\$0	\$0	\$2,607,052

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$287,053	\$70,000		\$357,053
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$12,259,747	\$2,530,000		\$14,789,747
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$206,900	\$50,000		\$256,900
DPW Charges	\$80,153	\$20,000		\$100,153
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$12,259,747	\$2,530,000		\$14,789,747
Other Expenses				\$0
Total Project Cost	\$12,546,800	\$2,600,000	\$0	\$15,146,800

Budget Year Financing

Federal, State and Local Aids	\$2,152,900
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$447,100
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$2,600,000

Cost Estimates Prepared By Steve Nigh	DPW Review By Ron Rutkowski
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Project Useful Life (Years)	12
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$8,256,800
2005 Expenditures	\$4,084,628
Total Expenditures to Date	\$12,341,428
Encumbrances	\$0
Available Balance	\$205,372

Project Annual Operating Costs

Net Annual Depreciation	\$34,500
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 2/03
Complete Final Plans & Specifications 3/03
Begin Construction 11/05
Complete Construction 2/06
Scheduled Project Closeout 3/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT011 – Bus Replacement Program – Orion Buses

An appropriation of \$2,600,000 is budgeted for the purchase of nine New Flyer buses and spare parts. Financing will be provided by \$2,152,900 in Federal revenue and \$447,100, in general obligation bonds.

In December 2002, the Milwaukee County Department of Parks and Public Infrastructure and Milwaukee Transit System, Inc. (MTS) began the procurement process for up to 92 replacement buses of the 117 Orion buses purchased in 1990 and 1991. In 2004, the MTS, Inc. and Transportation Services initiated a fleet reduction program to realign the number of buses with the services provided. The 25 remaining Orion buses will not be replaced as a part of the fleet reduction program.

On April 30, 2003, a Master Price Agreement was issued to New Flyer of America, Inc. for up to 92 buses and three sets of spare parts (power plant assembly, differential assembly, electronic destination sign and air conditioner compressor) to be delivered by April 2006. The original replacement schedule reflected the purchase of 30 buses in 2004, 30 buses in 2005 and 32 buses in 2006. The replacement schedule was further modified in 2005 and 2006 to reflect the fleet realignment. Therefore, 15 of the 30 buses scheduled for 2005 were replaced and the 2006 budget has 9 of the 32 buses that were originally scheduled to be replaced

The first 30 buses of the order were delivered in January 2004 in accordance with Resolution File No. 03-253 and the 2004 Adopted Capital Improvements Budget. The next 15 buses were delivered in January 2005, in accordance with Resolution File No. 04-145 and the 2005 Adopted Capital Improvements Budget. Resolution File No. 05-204 was passed at the May 2005 Transportation Public Works and Transit (TPW&T) Committee/County Board meetings assuring local share in the 2006 budget for the next nine buses to be delivered in 2006. These buses will advance the goals of fleet standardization, ADA accessibility, improved fuel economy and reduced exhaust emissions for cleaner air. By replacing only 54 of the 117 Orion buses, the MCTS fleet will be reduced consistent with recent service reductions.

Federal Transit Administration (FTA) Section 5307 formula and 5309 discretionary grant applications will be filed in March 2006 to fund approximately 83 percent, or \$2,152,900, of the 2006 bus purchase.

Bus Delivery Schedule

<u>Type</u>	<u>Quantity</u>	<u>Budget Year</u>	<u>P.O. Release Date</u>	<u>Actual/ Scheduled Delivery</u>
New Flyer 40'	30	2004	April, 2003	January 2004
New Flyer 40'	15	2005	April, 2004	January 2005
New Flyer 40'	9	2006	April, 2005	March 2006
	<hr/> 54			

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

DPPI Staffing Plan

The DPPI project manager for the bus replacement program is Steve Nigh, Transportation Division – Transportation Planning Section. Milwaukee Transport Services, Inc. (MTS) staff will handle bus assembly inspection functions.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT034	Project Title and Location On-Bus Camera Systems	4789-2005
Requesting Department or Agency DPPI - Transportation Planning		Functional Group Transportation
Department Priority 2	Person Completing Form Steve Nigh	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$1,560,000	\$1,248,000			\$312,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$1,560,000	\$1,248,000	\$0	\$0	\$312,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$37,300		\$37,300
Construction & Implementation		\$82,000		\$82,000
Right-of-Way Acquisition				\$0
Equipment		\$1,440,700		\$1,440,700
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$82,000		\$82,000
DPW Charges		\$37,300		\$37,300
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$1,440,700		\$1,440,700
Other Expenses				\$0
Total Project Cost	\$0	\$1,560,000	\$0	\$1,560,000

Budget Year Financing

Federal, State and Local Aids	\$1,248,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$312,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,560,000

Cost Estimates Prepared By MTS, Inc.	DPW Review By Ron Rutkowski
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 5/06
Complete Final Plans & Specifications 6/06
Begin Construction 9/06
Complete Construction 9/08
Scheduled Project Closeout 11/08

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT034 - On-Bus Camera Systems

An appropriation of \$1,560,000 is budgeted for the purchase of 315 on-bus camera security systems for the Milwaukee County Transit System (MCTS). Financing will be provided by \$1,248,000 in Federal Congestion Mitigation Air Quality Improvement Revenue (CMAQ) and \$312,000 in general obligation bonds.

Security cameras on buses act as an effective deterrent for those intending to commit criminal acts on buses as well as capturing a video record of criminal acts that are committed. Since early 2005, MCTS has been testing an on-bus camera system. The system being tested has met expectations with regard to cost, performance and reliability. To retrofit the existing MCTS fleet, 315 camera systems need to be purchased and installed. (Buses purchased prior to 1998 would not be included due to their imminent retirement.)

In accordance with County Board Resolution File No. 05-185, the Transportation Planning Division filed a Congestion Mitigation and Air Quality Improvement Program (CMAQ) grant for \$1,248,000 to support the camera system project. If the grant is received, the purchase and installation of cameras would take place in 2006.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

DPPI Staffing Plan

The DPPI project manager for the on-bus camera system project will be Steve Nigh, Transportation Division – Transportation Planning Section. Milwaukee Transport Services, Inc. (MTS) staff will handle bidding functions and provide additional project management.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT035	Project Title and Location Replace Air Units at Fond du Lac Garage	4789-2005
Requesting Department or Agency DPPI - Transportation Planning		Functional Group Transportation
Department Priority 5	Person Completing Form Steve Nigh	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$300,000	\$240,000			\$60,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$300,000	\$240,000	\$0	\$0	\$60,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$50,000		\$50,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment		\$250,000		\$250,000
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$40,000		\$40,000
Professional Services				\$0
DPW Charges		\$10,000		\$10,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction		\$250,000		\$250,000
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$300,000	\$0	\$300,000

Budget Year Financing

Federal, State and Local Aids	\$240,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$60,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$300,000

Cost Estimates Prepared By MTS, Inc.	DPW Review By Ron Rutkowski
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	\$3,400
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 3/06
Complete Final Plans & Specifications 4/06
Begin Construction 7/06
Complete Construction 9/06
Scheduled Project Closeout 10/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT035 – Replace Air Units at Fond du Lac Garage

An appropriation of \$300,000 is budgeted for the replacement of three air units at the Fond du Lac Maintenance Garage. The budget consists of \$250,000 for equipment and \$50,000 for associated professional services and project management. Financing of \$240,000 will be provided by Federal revenue and \$60,000 will be provided from general obligation bonds.

Three air units heat the Fond du Lac Maintenance Garage. These units are 23 years old and in constant need of repair. An immediate safety concern exists as heat exchangers and their housings are cracked and rotted posing a carbon monoxide threat. Pilot lights continually blow out and require relighting. Due to the age of the current units, many replacement parts are obsolete and require expensive fabrication.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

DPPI Staffing Plan

The DPPI project manager for the make-up air units project will be Steve Nigh, Transportation Division – Transportation Planning Section. A consultant will be retained to write specifications and MTS staff will handle bidding functions and provide additional project management.

MILWAUKEE COUNTY BUS FLEET

(As of January 1, 2006)

<u>Manufacturer</u>	<u>Size</u>	<u>Number</u>	<u>Year Purchased</u>
Orion	40'	44	1990 & 1991
New Flyer	40'	146	1996 & 1997
New Flyer	30'	9	1997
Chance-Trolley	30'	4	2000
New Flyer	40'	90	2000
New Flyer	40'	69	2001
New Flyer	30'	20	2002
New Flyer	40'	40	2002
New Flyer	40'	51	2003
New Flyer	40'	30	2004
New Flyer	40'	<u>15</u>	2005
TOTAL		518	

2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 4 ENVIRONMENTAL SERVICES

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WV009	Project Title and Location Countywide Sanitary Sewer Repairs		4789-2005
Requesting Department or Agency Department of Public Works & Public Infrastructure		Functional Group Transporation	
Department Priority 4	Person Completing Form Gary Mick	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$960,994				\$960,994
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$960,994	\$0	\$0	\$0	\$960,994

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$158,494		\$158,494
Construction & Implementation				\$0
Right-of-Way Acquisition		\$802,500		\$802,500
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$96,300		\$96,300
Professional Services				\$0
DPW Charges		\$62,194		\$62,194
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$802,500		\$802,500
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$960,994	\$0	\$960,994

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$960,994
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$960,994

Cost Estimates Prepared By Gary Mick	DPW Review By Gary Mick	
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	n/a
Complete Final Plans & Specifications	3/06
Begin Construction	6/06
Complete Construction	11/06
Scheduled Project Closeout	1/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WV009 - Countywide Sanitary Sewer Repairs

An appropriation of \$960,994 is budgeted for the Countywide Sanitary Sewer Repairs. Financing will be provided by general obligation bonds.

In August of 2004 the County received a Notice of Violation/Notice of Claim from the Wisconsin Department of Natural Resources (WDNR) stating that they believed Milwaukee County to be in violation of the general permit for "Bypasses or Overflows from Sewage Collection Systems (WI-0047341-03).

In January of 2005, the County (as one of 28 defendants) received the proposed stipulation from the State Attorney General's Office (AG). This stipulation requires specific actions from the defendants in order to avoid sanctions. In February 2005, The Department of Parks and Public Infrastructure-Architecture and Engineering and Environmental Services (AE&ES) held a meeting to brief County departments that have significant sewer systems.

In the meantime, Milwaukee Metropolitan Sewer District (MMSD) through its Technical Advisory Team (TAT) of which Milwaukee County is a member, had begun to organize a response to the WDNR/AG action. The County reviewed the progress at the monthly TAT meetings, as the response was prepared. In early March, a meeting was held with the Corporation Counsel's office to brief and review the draft response. In addition, Corporation Counsel was to attend meetings with MMSD and the community. Legal staff was also hired to assist with preparing the County's response to the AG. The response went to the WDNR/AG in April.

In May, the MMSD and 28 communities received a response from the AG that reflected the group's earlier response, changed some requirements, refined others and contained some specific requirements of numerous communities. A response to this is currently being put together.

Depending upon when a stipulation is agreed upon there may be some actions required of Milwaukee County in 2005. If not, the actions required (having to do with assessing our sewer system, taking short term actions, planning and implementing long term actions, working with the local communities and maintaining our system) will fall in 2006 and succeeding years.

This project is a direct result of an action sent down from the State of Wisconsin Attorney General's Office. These improvements must be completed in order to avoid any sanctions or fines. The project will consist of expenditure for major repairs to the system. All other costs, such as attending community meetings and maintaining and assessing the system will be financed in the departments operating budget.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Karl Stave. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WV011	Project Title and Location Bradford Beach Storm Water Outfalls Relocation	4789-2005
Requesting Department or Agency Dept. of Parks and Public Infrastructure		Functional Group Transportation
Department Priority 4	Person Completing Form Gary Mick	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$1,314,500				\$1,314,500
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$1,314,500	\$0	\$0	\$0	\$1,314,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$214,500		\$214,500
Construction & Implementation				\$0
Right-of-Way Acquisition		\$1,100,000		\$1,100,000
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$132,000		\$132,000
Professional Services				\$0
DPW Charges		\$82,500		\$82,500
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$1,100,000		\$1,100,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$1,314,500	\$0	\$1,314,500

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,314,500
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,314,500

Cost Estimates Prepared By TN & Assoc./Gary Mick	DPW Review By Gary Mick	Project Useful Life (Years) 25
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	\$15,000
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	done
Complete Final Plans & Specifications	3/06
Begin Construction	5/06
Complete Construction	10/06
Scheduled Project Closeout	12/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WV011 - Bradford Beach Storm Water Outfalls Relocation

An appropriation of \$1,314,500 is budgeted for the Bradford Beach storm water outfall relocation. Financing will be provided by general obligation bonds.

During the summer of 2004, the Bradford Beach, a public bathing beach operated by Milwaukee County DPPI – Parks Division, experienced numerous days with water quality tests that did not meet State or City of Milwaukee standards. During that summer UWM-Great Lakes Institute (GLI) began to test the storm water coming from seven outfalls at the back of the beach. These outfalls, from which the storm water flows across the beach to reach the lake, were originally extended into the lake but had been shortened because winter ice constantly damaged them.

UWM-GLI's tests showed elevated levels of e-Coli bacteria (a commonly accepted indicator species) from a number of the outfalls. In September of 2004, the County received a letter from the City of Milwaukee pointing out the need to rectify the situation. In the fall the County, the City and UWM-GLI began to meet regularly to share information and search for a solution. One problem the City had with undependable power for two of its sanitary sewer lift stations on the east side of Lincoln Memorial Drive was rectified when the County expanded their permit for these sites to allow emergency generators for backup power.

In the meantime, UWM-GLI has continued to test storm flows from the suspect outfalls. This summer the County added two of its staff to help in the testing. The beach has also been regraded under a grant from MMSD. This will help prevent the emergence of shallow ponded water areas below several of the outfalls. An eighth outfall, previously covered by the sand was discovered during grading. In June, DPPI-Environmental Services received a consultant's analysis of four alternatives for dealing with the outfalls. The alternative showing the most promise is to reroute storm water currently going to the eight outfalls to two larger outfalls at Picnic Point and North Point, while simultaneously reducing bacterial levels. This is the recommended solution presented here.

The County has received a comprehensive analysis of the tested soil and ground water samples taken from the area near and around the Bradford Outfall to determine where the e Coli bacteria is entering the storm water drain system that exits the outfall. The report has listed four viable alternatives for the County to correct the large bacteria levels at Bradford Beach.

The budgeted appropriation is limited to construction and equipment needs relating to the pumping station, force mains, trenching and backfills, and staff time to accomplish these tasks.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Gary Mick. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 5 MUSEUM

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WM003	Project Title and Location Electrical Distribution System Replacement	4789-2005
Requesting Department or Agency Milwaukee Public Museum		Functional Group Parks, Recreation and Culture
Department Priority 1	Person Completing Form Larry Bannister	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$172,664				\$172,664
2005					\$0
2006	\$258,000				\$258,000
2007	\$964,736				\$964,736
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$1,395,400	\$0	\$0	\$0	\$1,395,400

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$172,664	\$60,830	\$149,518	\$383,012
Construction & Implementation		\$197,170	\$815,218	\$1,012,388
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$100,000	\$10,000	\$100,000	\$210,000
DPW Charges	\$72,664	\$50,830	\$49,518	\$173,012
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$197,170	\$815,218	\$1,012,388
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$172,664	\$258,000	\$964,736	\$1,395,400

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$258,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$258,000

Cost Estimates Prepared By Steve Dragosz	DPW Review By Greg High
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$61,107
2004 Expenditures	\$100,819
2005 Expenditures	\$5,019
Total Expenditures to Date	\$166,945
Encumbrances	\$4,652
Available Balance	\$1,067

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 2/2006
Complete Final Plans & Specifications
Begin Construction 3/2006
Complete Construction 9/2008
Scheduled Project Closeout 10/2008

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WM003 – Electrical Distribution System Replacement

An appropriation of \$258,000 is budgeted in 2006 to update the electrical system at the Milwaukee Public Museum. The budgeted 2006 funds will address all exit and egress lighting that is not code compliant at this time. Financing is provided from general obligation bonds.

The panel boards throughout the building are Kinney Electrical with old Westinghouse molded-case, thermal magnetic circuit breakers, which have been obsolete for some time and are no longer available from the manufacturer. These malfunctioning obsolete panels are planned to be replaced with newer panels. With the installation of these panels, an updated single-line distribution system diagram will be developed showing a new electrical floor plan and location of all panel boards and electrical distribution equipment. The primary power transformers also need replacement because the existing components are obsolete. Failure of the transformers would interrupt the building's power supply and electrical equipment could be damaged.

The contract for the egress lighting planning and construction will begin in the spring of 2006. The original electrical system is over forty years old and was not designed to handle the required electrical capacity.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall project management will be performed by County Staff. The Project Manager will be Steve Dragosz. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 6
DEPARTMENT OF PARKS, RECREATION & CULTURE

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP017	Project Title and Location Countywide Trail & Hard Surface Replacement Program	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks, Recreation and Culture
Department Priority 3	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$3,110,000				\$3,110,000
2005	\$450,000				\$450,000
2006	\$316,000				\$316,000
2007	\$250,000				\$250,000
2008	\$250,000				\$250,000
2009	\$250,000				\$250,000
2010	\$250,000				\$250,000
SUBSEQUENT					\$0
TOTAL	\$4,876,000	\$0	\$0	\$0	\$4,876,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$535,920			\$535,920
Construction & Implementation	\$3,007,725	\$250,000	\$1,000,000	\$4,257,725
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$16,355			\$16,355
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$207,360			\$207,360
DPW Charges	\$192,445	\$35,000		\$227,445
Capitalized Interest				\$0
Park Services	\$136,115			\$136,115
Disadv. Business Serv.	\$16,355			\$16,355
Buildings/Structures				\$0
Land/Land Improvements	\$3,007,725	\$281,000	\$1,000,000	\$4,288,725
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$3,560,000	\$316,000	\$1,000,000	\$4,876,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$316,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$316,000

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$1,840,146
2004 Expenditures	\$983,708
2005 Expenditures	\$281,136
Total Expenditures to Date	\$3,104,989
Encumbrances	\$261,863
Available Balance	\$193,148

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 5/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/1/06
Complete Construction 11/30/06
Scheduled Project Closeout 12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP017- Countywide Trail and Hard Surface Replacement Program

An appropriation of \$16,000 is budgeted to replace the deteriorated sections of the trail and hard surfaces. Financing will be provided from general obligation bonds.

In 2000, the Department of DPPI Parks performed a system-wide condition assessment of walkways and paths. Similarly, the DPPI has evaluated and prioritized walkways, paths, basketball, and tennis courts and existing bike trails, parkway drives, parking lots and service yards. DPPI completed an updated system-wide trail assessment (in the same format as the 2000 study) during the winter of 2002 and 2003.

The 2006 appropriation will be used to replace the lowest ranked hard surface areas identified in the 2002/2003 assessments and a new path in Brown Deer Park.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP028	Project Title and Location Dineen Park Aquatic Splash Pad	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks, Recreation and Culture
Department Priority 10	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$183,510				\$183,510
2005	\$185,952				\$185,952
2006	\$51,750				\$51,750
2007	\$438,000				\$438,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$859,212	\$0	\$0	\$0	\$859,212

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$51,750	\$28,896	\$80,646
Construction & Implementation	\$369,462		\$408,333	\$777,795
Right-of-Way Acquisition				\$0
Equipment				\$0
Other			\$771	\$771
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$5,000	\$28,896	\$33,896
Capitalized Interest		\$46,750		\$46,750
Park Services				\$0
Disadv. Business Serv.			\$771	\$771
Buildings/Structures				\$0
Land/Land Improvements	\$369,462		\$408,333	\$777,795
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$369,462	\$51,750	\$438,000	\$859,212

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$51,750
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$51,750

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$183,510
2004 Expenditures	\$0
2005 Expenditures	\$115,511
Total Expenditures to Date	\$299,020
Encumbrances	\$52,350
Available Balance	\$18,091

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 6/31/06
Complete Final Plans & Specifications 12/31/06
Begin Construction 3/31/07
Complete Construction 11/30/07
Scheduled Project Closeout 12/31/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP028 – Dineen Park Aquatic – Splash Pad

An appropriation of \$51,750 is budgeted for planning and design of a Phase II, Splash Pad at Dineen Park. Financing will be provided with general obligation bonds.

The Dineen Park Swimming Pool was identified in a report issued in 2001, An Aquatic Master Plan, for closure due to underutilization, high cost of operation and high cost of repair to bring the pool to an acceptable operating condition. The project was removed from the 2002 capital budget in order to determine if there may be other means of funding operation, maintenance and repairs for the pool in future years. No alternative means of funding were located, and no external organizations have expressed interest to operate the pool. The pool has been decommissioned for the past three swimming seasons.

The Parks Department has held discussions with the Dineen Park neighborhood and schools in an effort to identify the evolving recreational needs of the community, including the aquatic element of the park. In December 2004, an appropriation transfer was approved for the Dineen Park Aquatic Renovation – Phase I, Pool Demolition. The Pool Demolition project is being undertaken in 2005. The project will include removing the existing swimming pool and possibly some dressing room elements.

The proposed Phase II, Splash Pad project will involve utilizing the existing bathhouse and installing a splash pad at the location of the original pool. Additional consideration during the planning and design will be given to providing space to accommodate other capitalized recreational elements at this location, such as play equipment, courts, etc. This proposed renovation would be similar to the successful model implemented at McGovern Park.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will perform overall project management. The DPW Project Manager for the design will be Jill Organ and during construction it will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WP036	Project Title and Location Oak Leaf Trail Development-Beloit Road Underpass	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure	Functional Group Parks and Public Infrastructure	
Department Priority 9	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,706,250	\$1,365,000	\$40,000	\$60,000	\$241,250
2005					\$0
2006	\$146,910	\$117,528			\$29,382
2007	\$400,000	\$320,000			\$80,000
2008	\$1,620,000	\$1,296,000			\$324,000
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$3,873,160	\$3,098,528	\$40,000	\$60,000	\$674,632

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$511,875	\$28,910		\$540,785
Construction & Implementation	\$1,194,375	\$118,000	\$2,020,000	\$3,332,375
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$1,000		\$1,000
Professional Services				\$0
DPW Charges	\$423,563	\$27,910		\$451,473
Capitalized Interest				\$0
Park Services	\$88,312			\$88,312
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$1,194,375	\$118,000	\$2,020,000	\$3,332,375
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,706,250	\$146,910	\$2,020,000	\$3,873,160

Budget Year Financing

Federal, State and Local Aids	\$117,528
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$29,382
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash	
Contributions	
Other Revenue	
Total Budget Year Financing	\$146,910

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$330
2004 Expenditures	\$56,232
2005 Expenditures	\$97,336
Total Expenditures to Date	\$153,898
Encumbrances	\$166,009
Available Balance	\$1,386,343

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	NA
Complete Preliminary Plans	5/1/06
Complete Final Plans & Specifications	6/1/06
Begin Construction	8/1/06
Complete Construction	11/30/06
Scheduled Project Closeout	12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP036-Oak Leaf Trail Development-Beloit Road Underpass

An appropriation of \$146,910 is budgeted for the construction of a spur from the Oak Leaf Trail to a below-grade crossing of Beloit Road in the Root River Parkway. Financing is provided with \$117,528 in Federal funding and \$29,382 in general obligation bonds

The stretch of Oak Leaf Trail in the vicinity of Beloit Road is popular because it is located on off-road asphalt paths and parkway drives that wind through the Root River environmental corridor. The trail in this area also links several popular recreational destinations including a golf course, an aquatic park, a baseball complex and a YMCA. Currently, the Oak Leaf Trail traverses the Beloit Road intersection via an at-grade crossing. Making the crossing can be difficult because Beloit Road has only one lane of traffic going in each direction, there is no median, the speed limit is 40 mph, and the average daily traffic count is 8,000.

Approximately 300 feet to the northeast of the Beloit Road crossing is the Beloit Road Bridge over the Root River. The bridge was replaced in the fall of 2004, and as a part of that project a terrace underneath the bridge was constructed to accommodate a bike trail. This project consists of the construction of asphalt path from the Oak Leaf Trail in its current location to the terrace below the new bridge. The availability of this alternative crossing will make the trail safer, especially for children.

The project will be funded with assistance provided through the Federal Congestion Mitigation and Air Quality Improvement Program (CMAQ). CMAQ grants are awarded on an 80%/20%, Federal/Local, cost-share basis. The federal share of the project would be \$117,528, while the County commitment is the remaining \$29,382.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be David Gulgowski. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP040	Project Title and Location Mitchell Park Domes Spall Repair & Paint	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks, Recreation and Culture
Department Priority 12	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$600,000				\$600,000
2007	\$682,000				\$682,000
2008	\$650,000				\$650,000
2009	\$650,000				\$650,000
2010	\$1,150,000				\$1,150,000
SUBSEQUENT					\$0
TOTAL	\$3,732,000	\$0	\$0	\$0	\$3,732,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$128,200	\$620,000	\$748,200
Construction & Implementation		\$471,800	\$2,512,000	\$2,983,800
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$95,000		\$95,000
Professional Services				\$0
DPW Charges		\$33,200	\$620,000	\$653,200
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$471,800	\$2,512,000	\$2,983,800
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$600,000	\$3,132,000	\$3,732,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Miscellaneous Revenue	
Property Tax Revenue	\$600,000
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$600,000

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 5/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/1/06
Complete Construction 11/30/07
Scheduled Project Closeout 12/31/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP040-Mitchell Park Domes Structural Repairs and Painting

An appropriation of \$600,000 is budgeted for the structural repairs and painting of the Mitchell Park Domes. Financing is provided by property tax levy.

In October 1994, Graef, Anhalt and Schloemer completed a structural condition study of the Mitchell Park Domes. The purpose of the study was to quantify the nature and extent of the deterioration, determine feasible methods for performing repair work and provide data necessary to develop a reasonable plan/schedule for doing the work. The report recommended a minimum maintenance repair program, which identified two major areas needing attention: structural integrity and functional deficiencies. From 1995-2004 \$3,522,196 was allocated to begin work on the minimum repair program. Those funds began to address the glass replacement, entrance work, electrical, boiler replacement and the air conditioning of the lobby.

The 2006 appropriation, \$600,000, will be utilized to plan and design the structural repairs and begin the work to repair the deteriorating concrete frame and apex and paint the full frame and apex of the structures. Some of the work will require at least a portion of the dome to be closed during these repairs.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP042	Project Title and Location McCarty Park Pool Pavilion Outdoor Changing Room Renovation	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks and Public Infrastructure
Department Priority 5	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$383,200				\$383,200
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$383,200	\$0	\$0	\$0	\$383,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$63,200		\$63,200
Construction & Implementation		\$320,000		\$320,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$1,000		\$1,000
Professional Services				\$0
DPW Charges		\$62,200		\$62,200
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$320,000		\$320,000
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$383,200	\$0	\$383,200

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$383,200
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$383,200

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 5/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/31/06
Complete Construction 5/1/07
Scheduled Project Closeout 6/15/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP042 –McCarty Park Pool Pavilion Outdoor Changing Room Renovation

An appropriation of \$383,200 is budgeted for the replacement of the men's and women's dressing rooms at the McCarty Park pool. The 2004 pool inspection report identified concrete slabs to be replaced, transite panels that have to be abated, and dilapidated changing stalls. Financing will be provided from general obligation bonds.

The conditions of the changing rooms are in a state of disrepair. Renovations of this facility are a high priority to improve the safety conditions for pool patrons. The project will consist of replacing concrete slabs, shower piping and fixtures, and benches. In addition, the dressing area wall panels will be replaced. The panels contain transite, which is a hazardous material. The panel frames will be sandblasted and painted.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP049	Project Title and Location Boerner Gardens Irrigation System	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks, Recreation and Culture
Department Priority 6	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$107,302				\$107,302
2007	\$96,150				\$96,150
2008	\$97,450				\$97,450
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$300,902	\$0	\$0	\$0	\$300,902

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$34,902		\$34,902
Construction & Implementation		\$72,400	\$193,600	\$266,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$34,902		\$34,902
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$72,400	\$193,600	\$266,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$107,302	\$193,600	\$300,902

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$107,302
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$107,302

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	25
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 5/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/1/06
Complete Construction 11/30/06
Scheduled Project Closeout 12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP049 –Boerner Gardens Irrigation System

An appropriation of \$107,302 is budgeted for the replacement of the failing irrigation system at Boerner Botanical Gardens. Financing will be provided by general obligation bonds.

The 2003 Adopted Budget provided funding to prepare preliminary plans for the replacement of the irrigation system at Boerner Botanical Gardens (WP41234). This planning effort determined that the irrigation system needed to be replaced with an automatic irrigation system, the pump and pump controls updated, and the irrigation cistern cleaned. The 2006 appropriation will be used to replace the irrigation system during non-peak visitation periods throughout the year.

The Boerner Botanical Gardens irrigation system is getting older and has experienced repeated repairs over the past two years. Acquiring an automatic system for the gardens will help eliminate many of the major repairs, will allow staff more time to tend other garden maintenance duties, control the amount of water the plants receive, and allow visitors to have a better experience by not having to walk over water hoses and walking through wet paths.

The replacement of the irrigation system will be implemented over a three-year period for better management of staff workload and for visitors to enjoy the gardens during replacement.

The replacement schedule is detailed below:

Project Summary

Phase 1 (Spring 2006)	Costs
Cistern Reservoir Cleaning	\$ 5,400
Pump System Replacement	\$ 5,000
Pump System Controls	\$ 25,000
Lawn Area Irrigation	\$ 17,000
General Conditions	\$ 10,000
A&E	\$ 20,200
Total Phase 1	\$ 107,302
Phase 2 (Fall 2006)	
Central Annual Bed Irrigation	\$ 26,450
Shrub Mall/Lawn Irrigation	\$ 23,000
Rock Garden Irrigation	\$ 9,000
Trial Garden Irrigation	\$ 7,500
General Conditions	\$ 10,000
A&E	\$ 20,200
Total Phase 2	\$ 96,150
Phase 3 (Spring 2007)	
Perennial Garden Irrigation	\$ 25,000
Heirloom Garden Irrigation	\$ 15,000
Rose Garden Irrigation	\$ 15,250
New Building Irrigation	\$ 12,000
General Conditions	\$ 10,000
A&E	\$ 20,200
Total Phase 3	\$ 97,450
Total Project Cost	\$ 276,200

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP049 –Boerner Gardens Irrigation System (Continued)

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be David Gulgowski. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP050	Project Title and Location Parks Infrastructure Improvements	4789-2005
Requesting Department or Agency Parks	Functional Group Parks, Recreation and Culture	
Department Priority 1	Person Completing Form J. Ciha	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,397,282				\$1,397,282
2005	\$878,650				\$878,650
2006	\$1,391,496				\$1,391,496
2007	\$1,000,000				\$1,000,000
2008	\$1,000,000				\$1,000,000
2009	\$1,000,000				\$1,000,000
2010	\$1,000,000				\$1,000,000
SUBSEQUENT					\$0
TOTAL	\$7,667,428	\$0	\$0	\$0	\$7,667,428

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$298,335	\$197,856		\$496,191
Construction & Implementation	\$1,601,097	\$792,640	\$4,000,000	\$6,393,737
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$376,500			\$376,500
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$249,056	\$197,856		\$446,912
Capitalized Interest				\$0
Park Services	\$49,279			\$49,279
Disadv. Business Serv.				\$0
Buildings/Structures	\$458,000	\$792,640	\$4,000,000	\$5,250,640
Land/Land Improvements	\$1,106,097			\$1,106,097
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$37,000			\$37,000
Other Expenses	\$376,500			\$376,500
Total Project Cost	\$2,275,932	\$990,496	\$4,000,000	\$7,266,428

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,391,496
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,391,496

Cost Estimates Prepared By DPPI	DPW Review By K Stave
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	(\$0)
2004 Expenditures	\$538,484
2005 Expenditures	\$613,075
Total Expenditures to Date	\$1,151,559
Encumbrances	\$220,689
Available Balance	\$903,684

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	na
Complete Preliminary Plans	varies
Complete Final Plans & Specifications	varies
Begin Construction	varies
Complete Construction	varies
Scheduled Project Closeout	

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP050 - Parks Infrastructure Improvements

An appropriation of \$1,391,496 is budgeted for Parks Infrastructure Improvements. The financing is provided with general obligation bonds.

The DPPI - Parks Division has been pursuing an aggressive infrastructure preservation program during the past few years. A preventive, proactive review of physical plant conditions has been performed on 108 buildings used as pavilions, pool bathhouses, golf clubhouses, restaurants and community centers. Condition Vanderweil Facility Advisors (VFA) assessments on 107 structures, including comfort and service buildings, have also been completed. The assessment for all the park structures is in the process of being updated. For 2005, the buildings in the South Region are being reevaluated. In 1990, heating, ventilating and air-conditioning system (HVAC) evaluations were conducted on all major park buildings. In 1991, a parks lighting system evaluation was conducted on all park paths, drives and parking lots. In 1993, a study was prepared which outlined a program to update electric service at approximately 45 locations. In 1995, a strategic plan was prepared to identify specific park goals, objectives and guidelines for three years and a more general plan was prepared for the next five to ten years. In 2004, a pool study was conducted.

The Parks Facilities Division also conducts annual planning workshops with each park region and division to better determine facility problems and needs.

Project Number	Description	Amount
WP05008	New Golf Tees and Drainage	\$200,000
WP05024	Dineen Service Yard	\$100,000
WP05046	Lincoln Park Baseball Lighting	\$181,500
WP05047	Lake Park Stair Replacement	\$135,600
WP05048	Jackson Park Comfort Building	\$164,880
WP05049	Greene Park Watermain	\$85,700
WP05050	Boerner Bog Walk Bridge	\$153,600
WP05051	Ross Lodge Septic System	\$45,540
WP05052	Wehr Nature Center Bridge	\$52,200
WP05054	Pulaski Pool Roof Replacement	\$71,476
WP05055	MLK Jr. Recreational Center Improvements	\$201,000
Total Parks Infrastructure Improvements		<u>\$1,391,496</u>

The scope of work for the infrastructure items in the table above is limited to capitalized major maintenance.

The project scope for the Martin Luther King, Jr. Recreational Center Improvements consists of new bleachers and new rubberized flooring.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Managers for the various infrastructure improvements will be Shawn Schmidt, Jill Bastin, Steven Dragosz, Fred Renner, and Walter Wilson. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP067	Project Title and Location Baran Park Facility Renovation	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks, Recreation and Culture
Department Priority	Person Completing Form	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$115,000				\$115,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$115,000	\$0	\$0	\$0	\$115,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$72,500	\$16,250		\$88,750
Construction & Implementation	\$290,000	\$83,333	\$400,000	\$773,333
Right-of-Way Acquisition		\$0		\$0
Equipment		\$0		\$0
Other		\$15,417		\$15,417
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$500		\$500
DPW Charges	\$54,700	\$15,750		\$70,450
Capitalized Interest				\$0
Park Services	\$14,500			\$14,500
Disadv. Business Serv.	\$3,300			\$3,300
Buildings/Structures		\$83,333		\$83,333
Land/Land Improvements	\$290,000		\$400,000	\$690,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses		\$15,417		\$15,417
Total Project Cost	\$362,500	\$115,000	\$400,000	\$877,500

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$115,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$115,000

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	40
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 5/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/1/06
Complete Construction 11/30/06
Scheduled Project Closeout 12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP067 – Baran Park Facility Renovation

An appropriation of \$115,000 is budgeted, for 2006 to perform work necessary to renovate the Baran Park Facility. The work will include the complete renovation of the facility which will consist of the replacement of the boiler/furnace, American with Disabilities Act (ADA) accessibility, extending the facility to maintain the number of restrooms, replacing restroom partitions, electrical upgrades, lighting and a new scorer's box for the little league field.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP406	Project Title and Location Countywide Play Area Redevelopment Program	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks and Public Infrastructure
Department Priority 8	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$4,413,355				\$4,413,355
2005	\$344,000				\$344,000
2006	\$449,400				\$449,400
2007	\$250,000				\$250,000
2008	\$250,000				\$250,000
2009	\$250,000				\$250,000
2010	\$250,000				\$250,000
SUBSEQUENT					\$0
TOTAL	\$6,206,755	\$0	\$0	\$0	\$6,206,755

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$175,412	\$74,800	\$100,000	\$350,212
Construction & Implementation	\$1,827,783	\$374,600	\$900,000	\$3,102,383
Right-of-Way Acquisition				\$0
Equipment	\$2,754,160			\$2,754,160
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2005 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$13,608			\$13,608
DPW Charges		\$20,000		\$20,000
Capitalized Interest				\$0
Park Services	\$161,804	\$54,800	\$100,000	\$316,604
Disadv. Business Serv.				\$0
Buildings/Structures	\$291,999			\$291,999
Land/Land Improvements	\$1,039,937		\$900,000	\$1,939,937
Roadway Png & Construction		\$374,600		\$374,600
Equipment & Furnishings	\$2,754,160			\$2,754,160
Other Expenses	\$495,847			\$495,847
Total Project Cost	\$4,757,355	\$449,400	\$1,000,000	\$6,206,755

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$449,400
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$449,400

Cost Estimates Prepared By Parks	DPW Review By Karl Stave
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$3,958,079
2003 Expenditures	\$407,828
2004 Expenditures	\$263,731
Total Expenditures to Date	\$4,629,638
Encumbrances	\$112,589
Available Balance	\$15,128

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	NA
Complete Preliminary Plans	2/05
Complete Final Plans & Specifications	3/05
Begin Construction	4/05
Complete Construction	10/05
Scheduled Project Closeout	12/05

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP406 – Countywide Play Area Redevelopment Program

An appropriation of \$449,400 is budgeted to continue the replacement of aged, noncompliant countywide playground equipment. Financing will be provided from general obligation bonds.

In 1998, the DPPI - Parks Division presented to the County Board of Supervisors the Playground Equipment Condition Assessment Report. The play area equipment at the County parks was inventoried, evaluated, and prioritized based on existing condition, level of safety, and ability to enhance the total recreation environment of the park in which the playground was located. The report included a Playground Environment Classification System that provides a methodology for determining the size, scope, and type of children's play environment (CPE) to be provided in a specific park site. The CPEs are classified as Class 1, 2, 3, or 4: Class 1 CPEs are provided at large regional parks, Class 2 CPEs are provided at community (multiple neighborhood) parks, Class 3 CPEs are provided at smaller neighborhood parks, and Class 4 CPEs are provided at warranted parkway sites.

The Parks Department estimates the 2006 construction cost of a Class 1 CPE to be \$263,000, a Class 2 CPE to be \$138,000, a Class 3 CPE to be \$108,600, and a Class 4 CPE to be \$42,000. Included is an increase in general obligation bonding by \$150,000 to offset additional costs associated with replacement of the playground equipment at Linbergh, Wahl and Brown Deer Parks. This appropriation will also allow for the replacement of playground equipment at Tiefenthaler Park. All play areas that are ranked D or D- would be replaced in 2006 with the addition of this appropriation.

Since 1998, the Countywide Play Area Redevelopment Program has received approximately \$3.36 million for the replacement and improvement of aged, noncompliant playgrounds listed and prioritized in the 1998 report, enabling 51 playgrounds to be renovated to meet national safety specifications and Americans with Disabilities Act playground accessibility requirements.

In 2002, the Facilities Planning Division staff of the Parks Department conducted a detailed condition assessment and safety audit of each of the 112 playgrounds in the County Parks System. This assessment report was submitted to the County Board in July 2003. This report ranked each playground based on a grading system of A (excellent) to F (failure). The 112 playgrounds were rated as follows: six received a grade of F, seven received a D or D-, 20 received a C+, C, or C-, seven received a B, and 71 received an A+, A, or A-. Currently, five playgrounds rated D- or D remain in the Parks System.

The playground assessment report indicated that a number of the playgrounds awarded a D or F grade are in dire need of replacement because of hazardous metal decay and rust. Moreover, ADA compliance is an important aspect of these improvements. All of the play areas graded lower than D- have been addressed.

For the 2006 Capital Improvements Budget, \$449,600 has been budgeted to replace four playgrounds rated D- or D. This level of funding will allow for the replacement of two Class 3 playgrounds (Lindbergh Park Tiefenthaler Park and Wahl Park) and one Class 2 playground (Brown Deer Park).

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Shawn Schmidt. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP447	Project Title and Location South Shore Breakwater/Bike Trail	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks and Public Infrastructure
Department Priority	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,444,520				\$1,444,520
2005	\$1,976,229				\$1,976,229
2006	\$2,500,000				\$2,500,000
2007	\$2,000,000				\$2,000,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$7,920,749	\$0	\$0	\$0	\$7,920,749

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$927,250	\$207,000	\$125,600	\$1,259,850
Construction & Implementation	\$2,487,999	\$2,293,000	\$1,874,400	\$6,655,399
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$5,500			\$5,500
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$214,700			\$214,700
DPW Charges	\$676,250	\$207,000	\$125,600	\$1,008,850
Capitalized Interest				\$0
Park Services	\$36,300			\$36,300
Disadv. Business Serv.	\$5,500			\$5,500
Buildings/Structures				\$0
Land/Land Improvements	\$2,487,999	\$2,293,000	\$1,874,400	\$6,655,399
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$3,420,749	\$2,500,000	\$2,000,000	\$7,920,749

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$2,500,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$2,500,000

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	75
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Project Fiscal Status

Prior Year Expenditures	\$308,332
2004 Expenditures	\$209,748
2005 Expenditures	\$895,185
Total Expenditures to Date	\$1,413,265
Encumbrances	\$1,090,748
Available Balance	\$916,736

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition NA
Complete Preliminary Plans 5/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/1/06
Complete Construction 11/30/06
Scheduled Project Closeout 12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP447 – South Shore Breakwater/Shoreline Protection/Bike Trail

An appropriation of \$2,500,000 is budgeted to begin construction of 6,200 feet of breakwater rehabilitation, starting at the north gap and proceeding south to the south gap. Financing will be provided by general obligation bonds.

In 2001, the U.S. Army Corps of Engineers prepared a study of the South Shore breakwater. Based on the finding of that study and recommendation of County staff, an appropriation of \$564,000 was included in the 2002 Capital Improvements Budget for planning and design of the breakwater, shoreline protection and reconstruction of the bike trail. The 2004 and 2005 Adopted Capital Improvements Budget included an appropriation of \$2,800,000 to complete the shoreline protection and replacement of the bike trail.

Planning for this project began in the latter half of 2002. Historical records provided insight into the existing breakwater. Significant public input was obtained in the planning process and caused the phasing of the project to be reconsidered. Ultimately, it was determined that the shoreline protection and bike trail replacement portion of the project should be addressed in the first construction phase because the breakwater rehabilitation provides minimal additional environmental and erosion protection to the shoreline. Improvements to the breakwater primarily address navigational concerns.

The construction cost for the breakwater rehabilitation is estimated at \$4,500,000, which will be budgeted over 2006 and 2007 to maintain an appropriate level of cash flow. A contract for the entire project will be executed in 2006 so that work can proceed. The 2006 appropriation of \$2,500,000 will be combined with an appropriation of \$2,000,000 in the 2007 Capital Improvements Budget to address the remaining cash needs of the construction phase of this project. Approval of the 2006 appropriation was considered a commitment to completing the financing of the construction phase of the project in future years based on cash flow budgeting.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall project management will be performed by Department of Public Works staff. The project manager during construction will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

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2006 ADOPTED CAPITAL IMPROVEMENTS

**SECTION 7
MCKINLEY MARINA**

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP513	Project Title and Location McKinley Marina Redevelopment-Seawall Improvements	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group Parks and Public Infrastructure
Department Priority 1	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$19,149,979		\$2,712,870	\$10,000	\$16,427,109
2005	\$38,020				\$38,020
2006	\$475,000				\$475,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$19,662,999	\$0	\$2,712,870	\$10,000	\$16,940,129

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$4,308,434			\$4,308,434
Construction & Implementation	\$14,481,849	\$475,000		\$14,956,849
Right-of-Way Acquisition	\$394,416			\$394,416
Equipment				\$0
Other	\$3,300			\$3,300
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$989,196			\$989,196
DPW Charges	\$2,963,191			\$2,963,191
Capitalized Interest				\$0
Park Services	\$302,602			\$302,602
Disadv. Business Serv.	\$121,044			\$121,044
Buildings/Structures				\$0
Land/Land Improvements	\$14,811,966	\$475,000		\$15,286,966
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$19,187,999	\$475,000	\$0	\$19,662,999

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$475,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$475,000

Cost Estimates Prepared By DPPI	DPW Review By Karl Stave
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Project Useful Life (Years)	75
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Project Fiscal Status

Prior Year Expenditures	\$17,331,506
2004 Expenditures	\$1,150,252
2005 Expenditures	\$29,215
Total Expenditures to Date	\$18,510,973
Encumbrances	\$266
Available Balance	\$676,760

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	NA
Complete Preliminary Plans	5/1/06
Complete Final Plans & Specifications	6/1/06
Begin Construction	8/1/06
Complete Construction	11/30/06
Scheduled Project Closeout	12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP513 – McKinley Marina Redevelopment – Seawall Improvements

An appropriation of \$475,000 is budgeted in 2006 to complete replacement of the bulkhead wall east of the Old Coast Guard Station. This funding will replace \$455,000 that was removed from the project by County Board action in March 2005, to provide emergency funding for design and repair for the failing HVAC system at the Milwaukee County War Memorial Center. Financing will be provided by general obligation bonds.

Planning and improvements at the McKinley Marina began in 1994 and have continued through 2003. In addition to a market study and feasibility analysis completed in 1996, and “The Plan for the Phased Development of McKinley Marina, McKinley Park and Veterans Park” completed in 1999, several construction projects have been completed at the Marina over the last ten years. These include the construction of a new entrance breakwater, a new interior breakwater, a new fuel dock, replacement of fixed docks and finger piers with new floating dockage (including new utility services), the renovation of the center section and south section tenant restrooms and replacement of the north section tenant restrooms including an observation deck over the restroom.

The bulkhead wall east of the Coast Guard Station is failing. Sections have fallen into Lake Michigan. This represents a significant safety hazard to the public and to that section of the lakefront during storms. In 2003, an appropriation transfer occurred to utilize \$148,200 in available funds budgeted in the 2002 Adopted Capital Improvements Budget toward planning for the reconstruction of the seawall.

The Marina seawall is experiencing severe breakage and spalling of the concrete. Water has eroded the concrete above and below the water surface. A portion of the wall has already separated and crumbled from the main walkway along the marina. This structure is in disrepair and needs the appropriate renovation to restore its attraction and structural integrity.

Planning and design for this project was delayed while discussions with Honor Our Neighbors Origins and Rights (HONOR) organization were taking place regarding HONOR’s efforts to lease and rehabilitate the Coast Guard Station. The lease was executed in 2005, allowing the process of integrating the seawall replacement project with the Coast Guard Station Rehabilitation project to move forward. The Department of Public Works anticipates that planning and design will be completed in 2005 and early 2006. Construction will begin in early 2006.

The total cost of the construction is \$1,063,020. The \$475,000 budgeted in 2006 to replace funding removed in 2005 will be combined with the \$588,020 remaining from the 2004 and 2005 appropriations.

The bulkhead replacement has been planned as a steel sheet pile structure. Due to extreme increases in the cost of steel since the original estimate, a stone revetment or combination of revetment and sheet pile will also be considered for the bulkhead replacement.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will perform overall project management. The project manager during construction will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required

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2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 8 ZOO

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WZ014	Project Title and Location Zoo Infrastructure Improvements		4789-2005
Requesting Department or Agency Zoological Department		Functional Group Parks, Recreation, and Culture	
Department Priority 2	Person Completing Form Sue Rand	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,624,294		\$191,373		\$1,432,921
2005	\$721,289				\$721,289
2006	\$1,495,844				\$1,495,844
2007	\$1,500,000				\$1,500,000
2008	\$1,500,000				\$1,500,000
2009	\$1,500,000				\$1,500,000
2010	\$1,500,000				\$1,500,000
SUBSEQUENT					\$0
TOTAL	\$9,841,427	\$0	\$191,373	\$0	\$9,650,054

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$435,724	\$212,093		\$647,817
Construction & Implementation	\$1,847,159	\$1,283,751	\$6,000,000	\$9,130,910
Right-of-Way Acquisition	\$41,700			\$41,700
Equipment				\$0
Other	\$21,000			\$21,000
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees	\$83,309	\$129,750		\$213,059
Professional Services	\$181,769			\$181,769
DPW Charges	\$129,752			\$129,752
Capitalized Interest				\$0
Park Services	\$41,057	\$82,343		\$123,400
Disadv. Business Serv.	\$6,764			\$6,764
Buildings/Structures	\$1,271,848	\$1,097,251	\$6,000,000	\$8,369,099
Land/Land Improvements	\$610,084	\$96,500		\$706,584
Roadway Plng & Construction		\$90,000		\$90,000
Equipment & Furnishings				\$0
Other Expenses	\$21,000			\$21,000
Total Project Cost	\$2,345,583	\$1,495,844	\$6,000,000	\$9,841,427

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,495,844
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,495,844

Cost Estimates Prepared By DPPI/Zoo	DPW Review By Philip Hung/Greg High
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$677,909
2005 Expenditures	\$824,842
Total Expenditures to Date	\$1,502,752
Encumbrances	\$376,880
Available Balance	\$465,951

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	Various
Complete Final Plans & Specifications	Various
Begin Construction	Various
Complete Construction	Various
Scheduled Project Closeout	Various

2006 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WZ014 - Zoo Infrastructure Improvements

An appropriation of \$1,495,844 is budgeted for various major maintenance projects at the Zoo. General obligation bonds will finance these projects.

In recent years, the level of major maintenance appropriations in the operating budget has limited the Zoo's ability to preserve the proper level of equipment, building upkeep and preventative maintenance that is required for these facilities. Serving 1.35 million people per year, the Zoo's equipment and structures require ongoing repair and maintenance.

A multi-year, intensive infrastructure renovation project was started in 1990. This capital project comprises a group of major maintenance appropriations to provide the proper level of equipment and building maintenance required for these facilities. Infrastructure improvements for 2006 total \$1,495,844 and include the following priorities:

• Asphalt Replacement	\$ 96,500
• Winter Quarters Upgrade	\$ 311,350
• Aviary Mesh Replacement	\$ 105,160
• Dairy Barn Public Restroom Renovation	\$ 133,840
• Renovation of Animal Division Life Support Systems	\$ 58,000
• Replacement of Hydraulic Rams & Piping in Gorilla Exhibit	\$ 48,000
• Aviary Skylight Replacement	\$ 287,400
• Giraffe Building Restroom Renovation	\$ 147,384
• Install Air Conditioning in the Big Cat Country Building	\$ 212,610
• Install Bear Shade Structures	<u>\$ 95,600</u>
TOTAL	<u>\$1,495,844</u>

WZ01401 - Asphalt Replacement (\$96,500) – The Zoo-wide asphalt replacement project is a continuation of an annual maintenance program to recondition the most urgent areas of the Zoo. The program began in 1991. Some areas of asphalt had not been reconditioned for 20 years. In some cases the asphalt was deteriorated to the point of being hazardous. Approximately \$100,000 has been budgeted annually since the beginning of the program. The primary area planned for replacement in 2006 includes the area between the rhino and zebra exhibits.

WZ01415 - Winter Quarters Upgrade (\$312,000) – This project primarily involves the replacement of the HVAC system in the Zoo's Winter Quarters. The scope of the work includes remediation, ductwork, equipment installation as well as electrical, plumbing, and facilities upgrades.

WZ01418 - Aviary Mesh Replacement (\$105,600) – The mesh in the tropics exhibits of the Aviary requires replacement. To maintain appropriate containment of the Zoo's bird collection, approximately 150 holes between one to two inches in diameter must be eliminated.

WZ01421 - Dairy Barn Public Restroom Renovation (\$134,400) – The restrooms will be upgraded to meet ADA standards and existing fixtures will be replaced or repaired

WZ01424 - Renovation of Animal Division Life Support Systems (\$58,000) – Aquatic life support systems are at the end of their life span and failing. Pump, filter, and chiller replacements are necessary in the Aquatic Reptile Center and the Penguin Exhibits. Refurbishing of the sand, ozone, and carbon filters is required in the Aquatic Reptile Center.

WZ01425 - Replacement of Hydraulic Rams & Piping in Gorilla Exhibit (\$48,000) – A total of five doors will need to be replaced. The piping is leaking under the floor. The rams no longer lock and hold in place. This creates possible hazards for both animals and employees.

WZ01426 - Aviary Skylight Replacement (\$288,000) – Three skylights on the Aviary roof leak badly and require replacement including new frames and high performance glass. We anticipate that further repairs will be necessary to minimize structural damage.

2006 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WZ014 - Zoo Infrastructure Improvements (Continued)

WZ01427 - Giraffe Building Restroom Renovation (\$148,000) – The lighting, floors, walls fixtures, and ventilation all need to be updated. We would also bring these restrooms up to current ADA standards.

WZ01428 - Install Air Conditioning in the Big Cat Country Building (\$213,500) – In 2005, as part of the Feline Building renovations, the ductwork and piping for air conditioning the building will be completed, in preparation for air conditioning installation in 2006.

WZ01429 - Install Bear shade Structures (\$96,000) – Installation of bear shade structures in four outdoor bear exhibits, American Black Bear, Grizzly, Himalayan Bear, and Brown Bear is required by the USDA (United States Department of Agriculture) and AZA (American Zoo and Aquarium Association). Each structure will consist of 6 steel log stands anchored in concrete to hold vertical logs of 12 inches in diameter to support three overlapping horizontal platforms each approximately 8 feet square and made of 8 feet logs.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Phillip Hung. Specialized consultants will be retained as needed.

MILWAUKEE COUNTY ZOO
Infrastructure Facts

<u>Facility</u>	<u>*Square Footage</u>	<u>Year Acquired/ Renovated</u>
Administration & Pavilion	14,000	1965
Animal Encounter Building	2,600	2005
Animal Health Center	18,000	2003
Aquarium/Reptile Building	35,000	1995
Australian Building	7,000	1960
Dairy Exhibit Building	13,000	1987
Education Building	26,000	2004
Farm Education Building	8,000	1987
Farmer's Market Concession Facility	600	2005
Feline Building	20,000	2005
Giraffe Building	9,000	1960
Great Ape Building	34,000	1992
Service Yard Storage Bldg	10,000	1965
Lakeview Concession	6,300	2002
Pachyderm Building	43,000	1959
Pavilion & Restaurant	18,000	1962
Peck Welcome Center	42,000	1989
Primate House	29,000	1993
Service Building-Commissary	22,000	1965
Small Mammal Building	11,000	1965
Special Exhibits Building	10,000	1997
Winter Quarters	13,000	1958
Woodland Concession	3,000	1960

MILWAUKEE COUNTY ZOO

Infrastructure Facts

Zoofari Center	33,000	1988/1996
Zoo Aviary Building	29,000	1963
Total Square Footage	427,300	

Parking Lots

Parking Spaces

Parking Lot #1	700
Parking Lot #2	450
Parking Lot #3	1,200
Parking Lot #4	715
Overflow Lot (grass lot)	500
WEPCO Lot	<u>1,000</u>
Total Spaces	4,565

*approximate square footage

2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 9
DHHS – BEHAVIORAL HEALTH DIVISION

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WE024	Project Title and Location Psychiatric Hospital Fire Alarm Systems and Elevator Controls	4789-2005
Requesting Department or Agency Behavioral Health Division		Functional Group Health and Human Services
Department Priority 1	Person Completing Form Lynn Gram, Support Services Administrator	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$136,800				\$136,800
2005	\$1,054,109				\$1,054,109
2006	\$1,149,110				\$1,149,110
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$2,340,019	\$0	\$0	\$0	\$2,340,019

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$196,002	\$189,521	\$0	\$385,523
Construction & Implementation	\$992,425	\$959,590	\$0	\$1,952,015
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$2,481			\$2,481
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$117,601	\$113,712	\$0	\$231,313
DPW Charges	\$78,401	\$75,808	\$0	\$154,209
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$2,481			\$2,481
Buildings/Structures	\$992,425	\$959,590	\$0	\$1,952,015
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,190,908	\$1,149,110	\$0	\$2,340,019

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,149,110
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,149,110

Cost Estimates Prepared By John Bunn	DPW Review By Steve Dragosz
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$45,744
2005 Expenditures	\$42,435
Total Expenditures to Date	\$88,179
Encumbrances	\$20,086
Available Balance	\$1,082,644

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	4/1/04
Complete Final Plans & Specifications	6/1/04
Begin Construction	8/1/04
Complete Construction	12/1/06
Scheduled Project Closeout	12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WE024 – Psychiatric Hospital Fire Alarm System and Elevator Controls

An appropriation of \$1,149,110 is budgeted to replace the fire alarm system in the Behavioral Health Psychiatric Hospital. A consultant was hired in 2004 to develop the conceptual design and update to an addressable system meeting Americans with Disabilities Act (ADA) requirements. Financing will be provided from general obligation bonds.

The Psychiatric Hospital's fire alarm system has 25 year old smoke detectors and pull stations. The main fire alarm panel was installed in 1987, along with interface multiplex panels, which, at that time, allowed the original smoke detectors to remain in use. The smoke detectors were not replaced in 1987. The main central system is now over 15 years old with at least two generations of equipment since then. The original smoke detectors and pull stations are not available, with replacement part compatibility becoming questionable.

The system is regularly being tested or repaired. This has resulted in numerous announcements being made regarding the system, such that the building occupants are not certain whether an alarm is real or a test. The building occupants delay their response to real alarms until it is confirmed by an announcement. A delayed response could one day result in additional injury or worse. A new, smart fire alarm system would significantly reduce the number of test announcements, thus reducing confusion and delayed responses during a real fire event.

Modernization of the fire alarm system will also require that the seven passenger elevators in the Psychiatric Hospital incorporate an automatic recall system that is integrated with fire alarm system. As such, the existing elevators will lose their "grandfather clause", and require modernization to bring them up to present day elevator codes, including compliance with codes associated with the Americans with Disabilities Act.

Funds were appropriated in the 2004 capital budget for design and 2005 to begin the replacement fire alarm system. The designs for the project were completed and submitted in July to the State of Wisconsin. BHD is considered a hospital and must have State approval before any construction can be implemented. In September 2005, Department of Parks and Public Infrastructure (DPPI) (reverted back to the Department of Public Works (DPW) in 2006) received notice that the State approved the plan. The project will be sent out for bids in the fall of 2005. Funds from 2005 and 2006 will be used to implement the project.

The project will consist of replacing and updating all the fire alarms, door release system, emergency pull stations, and smoke heat and duct detectors. The door release system allows the staff to have access to all required areas and to prevent patients from being in restricted areas. The system will either be keypad coded or will have keys. In addition, an elevator recall system, controls and horn and strobe light notification system will be installed.

The elevator control panel were installed when the facility was constructed in 1968. The new system will replace all the controls and reposition them so that they are ADA compliant. An emergency phone will be part of the control panel. The elevator recall system will allow the elevators to automatically return to the first floor. The master panel will allow the fire department access to the whole system in the case of an emergency. The horn and strobe light notification will be replaced so that they are code compliant. This entails having the blinking of the strobe lights timed so it will not cause a seizure in epileptic patients.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan:

The project manager will be Steve Dragosz, Project Engineer of the Department of Public Works. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WE028	Project Title and Location Replace Nurse Call System	4789-2005
Requesting Department or Agency Behavioral Health Division		Functional Group Health and Human Services
Department Priority 2	Person Completing Form Lynn Gram, Support Services Administrator	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$125,475				\$125,475
2007	\$125,475				\$125,475
2008	\$125,475				\$125,475
2009	\$250,950				\$250,950
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$627,375	\$0	\$0	\$0	\$627,375

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$20,475	\$81,900	\$102,375
Construction & Implementation		\$105,000	\$420,000	\$525,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$12,600	\$50,400	\$63,000
DPW Charges		\$7,875	\$31,500	\$39,375
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$105,000	\$420,000	\$525,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$125,475	\$501,900	\$627,375

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$125,475
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$125,475

Cost Estimates Prepared By John Bunn	DPW Review By Steve Dragosz
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	4/1/06
Complete Final Plans & Specifications	6/1/06
Begin Construction	8/1/06
Complete Construction	12/1/09
Scheduled Project Closeout	12/31/09

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WE028 – Replace Nurse Call System

An appropriation of \$125,475 is budgeted to replace the nurse call systems in ten patient units in the Behavioral Health Division (BHD) - Psychiatric Hospital. The nurse call systems are required by the state hospital and nursing home codes. Financing will be provided from general obligation bonds.

The Psychiatric Hospital patient unit nurse call systems are at least 25 years old. The nurse call systems have been replaced in four of the ten units, two in the mid-1980's and two in the past three years. The original systems no longer have spare parts available. The company that was able to make repairs is no longer in business. BHD kept the replaced systems' circuit boards and parts for spare parts for the remaining original systems. There are presently no replacement circuit boards available for these systems. These systems are required by the state hospital and nursing home codes.

BHD's present plan is to replace two nurse call systems in 2006, two in 2007, two in 2008 and the remaining four in 2009. The existing systems' circuit boards and parts will be kept for spare parts use. This will hopefully defer the need for replacing more systems on an emergency basis.

The cost for planning and design of the call systems are approximately \$20,475. The units, including installation costs, will be approximately \$105,000.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Health and Human Services – Behavioral Health Division staff will be responsible for project management. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS

**SECTION 10
DPW – COUNTY GROUNDS**

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WG010	Project Title and Location CATC "C" Building Roof Replacement	4789-2005
Requesting Department or Agency Department of Parks and Public Infrastructure		Functional Group General Government
Department Priority 1	Person Completing Form Ivars Zusevics	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$198,000				\$198,000
2006	\$670,395				\$670,395
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$868,395	\$0	\$0	\$0	\$868,395

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$33,000	\$109,395		\$142,395
Construction & Implementation	\$165,000	\$561,000		\$726,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees	\$20,000	\$67,320		\$87,320
Professional Services	\$20,000			\$20,000
DPW Charges	\$13,000	\$42,075		\$55,075
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$145,000	\$561,000		\$706,000
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$198,000	\$670,395	\$0	\$868,395

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$670,395
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$670,395

Cost Estimates Prepared By Contractor and I. Zusevics	DPW Review By I. Zusevics/Greg High
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Project Useful Life (Years)	25
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$10,272
Total Expenditures to Date	\$10,272
Encumbrances	\$0
Available Balance	\$187,728

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	3/06
Complete Final Plans & Specifications	5/06
Begin Construction	8/06
Complete Construction	10/06
Scheduled Project Closeout	11/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WG010 – CATC “C” Building Roof Replacement

An appropriation of \$670,395 is budgeted in 2006 to replace the roof of the “C” building in the Child Adolescent Treatment Center (CATC) complex on the County Grounds. Financing will be provided from general obligation bonds.

Since 2001, the roofs on three of the CATC complex buildings have been replaced. The existing roof on the CATC “C” building is 25 years old and has reached the end of its useful life. The roof is approximately 61,000 square feet. Roof repairs are becoming more frequent. The best course of action is to remove and replace the roof, insulation, and flashing. The flashing provides the extra protection for roof joints around dormer walls, skylights, roof vents, and roof valleys from water seepage.

The current tenants of the CATC “C” building are City of Wauwatosa Schools, St. Charles, CESA, and Clinicare.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Parks and Public Infrastructure staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS

SECTION 11
DEPARTMENT OF HEALTH & HUMAN SERVICES

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WS005	Project Title and Location DHHS Marcia P. Coggs Human Services Center-Parking Lots and Garage	4789-2005
Requesting Department or Agency Department of Health and Human Services		Functional Group Health and Human Services
Department Priority 1	Person Completing Form Walter Wilson	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$10,170,031				\$10,170,031
2005	\$934,000				\$934,000
2006	\$672,212				\$672,212
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$11,776,243	\$0	\$0	\$0	\$11,776,243

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$2,071,949	\$104,945		\$2,176,894
Construction & Implementation	\$8,573,322	\$567,267		\$9,140,589
Right-of-Way Acquisition		\$0		\$0
Equipment	\$300,000	\$0		\$300,000
Other	\$158,760	\$0		\$158,760
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees	\$93,400	\$68,072		\$161,472
Professional Services	\$1,172,590			\$1,172,590
DPW Charges	\$749,191	\$36,873		\$786,064
Capitalized Interest				\$0
Park Services	\$56,768			\$56,768
Disadv. Business Serv.	\$8,760			\$8,760
Buildings/Structures	\$8,573,322	\$567,267		\$9,140,589
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings	\$300,000			\$300,000
Other Expenses	\$150,000			\$150,000
Total Project Cost	\$11,104,031	\$672,212	\$0	\$11,776,243

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$672,212
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$672,212

Cost Estimates Prepared By Walter Wilson	DPW Review By Walter Wilson
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Project Useful Life (Years)	50
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Project Fiscal Status

Prior Year Expenditures	\$5,678,800
2004 Expenditures	\$3,365,440
2005 Expenditures	\$515,958
Total Expenditures to Date	\$9,560,199
Encumbrances	\$728,138
Available Balance	\$815,694

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition n/a
Complete Preliminary Plans
Complete Final Plans & Specifications 4/24/06
Begin Construction 6/26/06
Complete Construction 1/26/07
Scheduled Project Closeout 3/5/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WS005 – DHHS Marcia P. Coggs Human Services Center Parking Lots and Garage

An appropriation of \$672,212 is budgeted to continue the upgrade of the parking lots adjacent to the Marcia .P. Coggs Human Services Center and grounds. Financing will be from general obligation bonds.

The Marcia P. Coggs Human Services Building, hereinafter referred to as the Human Services Building, occupies one city block at 12th and West Vliet Street in Milwaukee. Client parking is located on the north side of the building. The building's main entrance, located on the south side was the only accessible entrance. A new accessible entrance was created on the west side via the 2005 Capital Budget. This included extending the vestibule area in glass, providing security cameras, a new buzzer system to allow clients in and a ramp for easier access.

Work necessary to plan, redesign and repave two existing parking lots on the north side of the building was covered in the 2005 Budget. The parking lots are secured and allows for employee handicapped and regular parking. The City of Milwaukee has made some available street parking on Vliet Street for handicapped clients. To accommodate those employees who are physically disabled that use the current north entrance, which is located on a loading dock, the outside chair lift and controls have been replaced. An employee keypad for the freight elevator was installed in August of 2005. The completion of the other parking lot is scheduled by the end of September.

This request is to complete the additional two parking lots on the north side of the building running along Cherry Street. The project includes the design, grading and repaving of these two lots. Additionally, the scope of the project is to add security lighting, parking islands, landscaping on the island areas and enclose the lots with fencing.

A garage that was removed in the first phase of the parking lot project will be replaced with a new garage at an estimated cost of \$27,000. This garage will be used to house the Mobile Benefits Vehicle, which is currently being housed at the Milwaukee Transit System.

This budget accounts for inflation and consideration of others site work that will have to be done in association with this work, such as demolition and site preparation, which were not handled in the original 5-year plan in 2003 budget estimate.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for project management. The DPW Project Manager will be Karl Stave. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WS013	Project Title and Location Senior Center Infrastructure Improvements	4789-2005
Requesting Department or Agency Department on Aging	Functional Group Health and Human Services	
Department Priority 1	Person Completing Form Mary Proctor Brown	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$667,707				\$667,707
2005	\$518,400				\$518,400
2006	\$504,842				\$504,842
2007	\$360,000				\$360,000
2008	\$206,380				\$206,380
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$2,257,329	\$0	\$0	\$0	\$2,257,329

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$86,772	\$41,879		\$128,651
Construction & Implementation	\$1,092,323	\$462,963	\$566,380	\$2,121,666
Right-of-Way Acquisition		\$0		\$0
Equipment		\$0		\$0
Other	\$7,012	\$0		\$7,012
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$6,000		\$6,000
Professional Services	\$31,376			\$31,376
DPW Charges	\$16,996	\$35,879		\$52,875
Capitalized Interest				\$0
Park Services	\$38,400			\$38,400
Disadv. Business Serv.	\$3,922			\$3,922
Buildings/Structures	\$1,095,413	\$462,963	\$566,380	\$2,124,756
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,186,107	\$504,842	\$566,380	\$2,257,329

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$504,842
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$504,842

Cost Estimates Prepared By IBC/Tom Voigt	DPW Review By Walter Wilson
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$112,230
2004 Expenditures	\$206,973
2005 Expenditures	\$610,112
Total Expenditures to Date	\$929,316
Encumbrances	\$177,488
Available Balance	\$79,303

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	n/a
Complete Final Plans & Specifications	n/a
Begin Construction	4/3/06
Complete Construction	7/24/06
Scheduled Project Closeout	8/29/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WS013 - Senior Center Infrastructure Improvements

An appropriation of \$504,842 is budgeted to replace HVAC units in two senior centers. Financing will be provided with general obligation bonds.

WS01317 - Washington Park Senior Center – HVAC Replacement

Washington Park Senior Center (WPSC) HVAC units were assessed to be operating at 74 percent of air delivery at this facility. According to an assessment by Michael's Engineering, Inc., all exhaust fans are operating significantly less than designed or just not functioning.

Improving the HVAC system would correct the quantity and quality of air delivery and result in a more energy efficient Washington Park Senior Center.

In the Washington Park Senior Center the current air exchangers are extensively corroded and well beyond their useful life. Additionally, the units have weak spots that have been repaired previously and are getting almost impossible to keep operating due to lack of parts. In addition to the weekly center activities, private and community groups rent the buildings on evenings or weekends.

The five-year plan approved in the 2004 budget included an estimate of \$205,200 for WPSC HVAC replacement, reflecting an increase of \$72,800 for a total request of \$278,000 in 2006.

The scope of the work is to remove the old HVAC systems by breaking through the wall in the cafeteria area to gain access to two units. Once this has been accomplished, two new units will be installed and the wall repaired. The additional old unit will be broken down into parts to remove it from the center. This unit is now housed in a room with access by a single door. Before the new unit is installed the single door will be widened and replaced with a double door. In addition to gaining access to the room, this will allow for future repairs and maintenance.

One air conditioning unit will be installed to provide air conditioning in the staff offices and conference rooms. The offices and conference rooms have sealed windows that run the whole outside wall. The heat from the sun emitted through these windows aid to the problem of cooling these areas. Currently, these areas are made bearable by individual desk fans. The conference room is not being used to its full capabilities during the summer months.

WS01318 - McGovern Park Senior Center – HVAC Replacement

McGovern Park Senior Center HVAC units were assessed to be deficient in quantity of air delivery. According to an assessment by Michael's Engineering, Inc., the air delivery system and the circulating pump's discharge and suction pressure measurements were noted to be operating at approximately 50 percent.

HVAC improvement would correct the quantity and quality of air delivery and produce energy efficiency at McGovern Park Senior Center.

The 2004 five-year capital plan budget included \$211,680 for this request, reflecting a \$16,320 increase to update to the current estimate of \$228,000 for 2006.

A principal challenge of operating the five County owned senior centers continues to be maintenance of the facilities. In 2006, \$300,000 is budgeted in the Department on Aging operating budget to begin to address the maintenance needs of the centers. Projects will be funded based on a long-range capital and operating plan, which will be managed and coordinated by the Department and DAS - Fiscal Affairs.

Additional improvements to the Senior Center consist of \$360,000 for a variety of interior and exterior construction and building improvements and \$206,380 to replace deteriorated ceiling and floor tiles at several senior centers and upgrading existing inaccessible restrooms so they will be accessible. Improvements that are not eligible for bond financing will be addressed in the 2006 and future Department on Aging operating budgets.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WS013 - Senior Center Infrastructure Improvements (Continued)

The McGovern Park Senior Center has very minimal air movement. Again the units are well beyond their useful life and not capable of operating properly to keep the building comfortable. The project engineer has stated that these projects can be bid and implemented within the 2006 fiscal year.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Walter Wilson. Specialized Consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS

**SECTION 12
COURTHOUSE COMPLEX**

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC013	Project Title and Location CJF Pod Workstation Replacement	4789-2005
Requesting Department or Agency Department of Public Works & Public Infrastructure	Functional Group General Government	
Department Priority 6	Person Completing Form Dave Schaning	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$79,640				\$79,640
2007	\$387,565				\$387,565
2008	\$396,011				\$396,011
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$863,216	\$0	\$0	\$0	\$863,216

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$79,640	\$39,776	\$119,416
Construction & Implementation			\$743,800	\$743,800
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$72,000		\$72,000
Professional Services			\$4,000	\$4,000
DPW Charges		\$7,640	\$35,776	\$43,416
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures			\$743,800	\$743,800
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$79,640	\$783,576	\$863,216

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$79,640
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget	\$79,640
Year Financing	

Cost Estimates Prepared By Scott Smith	DPW Review By Walter Wilson
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition n/a
Complete Preliminary Plans 8/06
Complete Final Plans & Specifications 10/06
Begin Construction 3/07
Complete Construction 9/08
Scheduled Project Closeout 12/08

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC013 – CJF Pod Workstation Replacement

An appropriation of \$79,640 is budgeted for planning and design for the replacement of deputy workstations inside the jail pods. Replacement units will allow heavy duty secured storage and larger work areas. Financing is provided from general obligation bonds.

All of the existing units are not economical to repair because they have missing cabinet and drawer coverings, broken hinges, torn and faded carpeting, and severe chipping of the desk surfaces. Many of the items that were once stored in these units are now located in a nearby storage closet. The pods have not been replaced since the CJF building opened in 1992.

Final design and construction cost estimates will be completed in 2006 with installation in 2007 and 2008.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Jack Takerian. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WC014	Project Title and Location Courthouse Complex HVAC Systems	4789-2005
Requesting Department or Agency Department of Public Works & Public Infrastructure	Functional Group General Government	
Department Priority 3	Person Completing Form Dave Schaning	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$150,000				\$150,000
2006	\$149,500				\$149,500
2007	\$350,000				\$350,000
2008	\$590,000				\$590,000
2009	\$657,000				\$657,000
2010	\$596,000				\$596,000
SUBSEQUENT					\$0
TOTAL	\$2,492,500	\$0	\$0	\$0	\$2,492,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$29,000	\$9,500	\$380,000	\$418,500
Construction & Implementation		\$140,000		\$140,000
Right-of-Way Acquisition				\$0
Equipment	\$120,000		\$1,805,000	\$1,925,000
Other	\$1,000		\$8,000	\$9,000
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$7,000		\$7,000
Professional Services	\$18,000		\$225,000	\$243,000
DPW Charges	\$11,000	\$2,500	\$135,000	\$148,500
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$1,000		\$8,000	\$9,000
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction		\$140,000		\$140,000
Equipment & Furnishings	\$120,000		\$1,825,000	\$1,945,000
Other Expenses				\$0
Total Project Cost	\$150,000	\$149,500	\$2,193,000	\$2,492,500

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$149,500
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$149,500

Cost Estimates Prepared By Thomas Voigt	DPW Review By Greg High
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$1,433
Total Expenditures to Date	\$1,433
Encumbrances	\$120,310
Available Balance	\$28,257

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	6/05
Complete Final Plans & Specifications	ongoing
Begin Construction	10/05
	11/06
Scheduled Project Closeout	2010

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC014 - Courthouse Complex HVAC System

An appropriation of \$149,500 is budgeted to fund a series of HVAC infrastructure improvements for the Courthouse Complex. Financing is provided with general obligation bonds.

The appropriation will finance the first of several phases of HVAC work in the Courthouse Complex. Overall, the project consists of the airflow modification in the County Board room, cooling tower repair/replacement, replacement of mixing boxes in office areas, balancing of building air supply fans and correction of high-pressure ductwork problems.

The 2006 appropriation continues with the replacement of mixing boxes on the Courthouse second floor and begins high-pressure duct replacement. Also, the cooling towers, pumps and chillers will be replaced.

A programmed replacement of mixing boxes in office areas throughout the complex will relieve the air conditioning and noise problems presently being experienced. Present equipment is over 30 years old, which is well beyond its useful life. Present day units provide higher levels of control, performance, and efficiency, therefore, yielding reduced energy consumption.

The scope of work for the high-pressure ductwork is to replace sections that are experiencing heavy corrosion and leaks. Minor repairs will be financed in the operating budget of Facilities Maintenance. The ductwork has reached its life cycle and is beyond routine maintenance.

Proposed out-year projects included continued mixing box replacement, building pressure balance, condensate pump and cooler, exhaust system replacement and heat recovery system replacement on the second, third, sixth and seventh floors of the Courthouse. Total project costs are \$2,492,000.

Year	Location	Amount
2005	Initial replacement mixing boxes second floor and County Board Room	\$150,000
2006	Complete missing box replacement; high pressure duct repair – second floor	\$149,000
2007	Replace Cooling Tower – Safety Building	\$350,000
2008	Bathroom exhaust, mixing box, condensate pump, & cooler replacement – third & sixth floors	\$590,000
2009	Mixing box replacement – fourth & fifth floors & Safety building fifth and sixth floors (west side)	\$657,000
2010	Mixing box replacement; heat recovery -seventh floor; total system air balance	\$596,000
	Total	\$2,492,000

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the county board of supervisors and the county executive.

DPW Staffing Plan

Department of Public Works staff will be responsible for project management. The Project Manager will be Jack Takerian. Specialized consultant will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC016	Project Title and Location Courthouse Roof Replacement	4789-2005
Requesting Department or Agency Departs of Parks & Public Infrastructure	Functional Group Facilities Management	
Department Priority 1	Person Completing Form Dave Schaning/ Walter Wilson	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$2,499,437				\$2,499,437
2005	\$1,049,878				\$1,049,878
2006	\$937,878				\$937,878
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$4,487,193	\$0	\$0	\$0	\$4,487,193

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$549,070	\$67,389		\$616,459
Construction & Implementation	\$2,825,300	\$824,189		\$3,649,489
Right-of-Way Acquisition		\$0		\$0
Equipment		\$0		\$0
Other	\$174,945	\$46,300		\$221,245
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$3,514		\$3,514
Professional Services	\$235,697			\$235,697
DPW Charges	\$265,803			\$265,803
Capitalized Interest	\$222,515	\$46,300		\$268,815
Park Services		\$63,875		\$63,875
Disadv. Business Serv.				\$0
Buildings/Structures	\$2,825,300	\$824,189		\$3,649,489
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$3,549,315	\$937,878	\$0	\$4,487,193

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$925,128
Airport Reserve	
Investment Earnings	\$12,750
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$937,878

Cost Estimates Prepared By John Bitz & Walter Wilson	DPW Review By Karl Stave
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$109,769
2004 Expenditures	\$1,535,642
2005 Expenditures	\$990,720
Total Expenditures to Date	\$2,636,130
Encumbrances	\$401,925
Available Balance	\$511,260

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	3/02
Complete Final Plans & Specifications	7/03
Begin Construction	7/04
Complete Construction	6/06/06
Scheduled Project Closeout	10/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC016 – Courthouse Roof Replacement

An appropriation of \$937,878, including \$46,300 in capitalized interest, is budgeted for 2006 to construct Phase III work and finish Phase II of the replacement of the Courthouse roof. Financing will be provided from \$12,750 in investment earnings and \$925,125 in general obligation bonds.

The Courthouse Complex roof was over 30 years old and continually leaking. Ongoing roof repairs have not solved any of the recurring problems with leaking. Therefore, \$37,470 was set-aside in 2002 for planning and preliminary design costs. It was later decided to divide the roof replacement work into three phases because of its complexity, which included relocating HVAC equipment and repairing masonry work on walls and parapets, and to avoid severe weather situations. The total cost of the project is expected to be \$4,487,193.

The construction work for Phase I was completed in early 2005. Phase II construction is scheduled to be complete in the fall of 2005. Phase III, the final stage of the project, will commence in 2006. The scaffolding and tower, crane, truck and fencing rental and contractor costs are currently in place to continue with Phase III of the project. An appropriation transfer of \$425,000 was submitted in September 2005 to continue with the project completion without incurring additional costs for removing the crane, scaffolding, and delaying the contractor schedule.

This construction project is particularly complex due to the all of the other construction work and traffic control for the Marquette Interchange.

Timing of the execution of Phase II and III of roof construction is being coordinated with the Marquette Interchange construction and related traffic controls.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC023	Project Title and Location CH Complex Building Automation and Access Control Upgrade	4789-2005
Requesting Department or Agency Department of Public Works & Public Infrastructure		Functional Group General Government
Department Priority 2	Person Completing Form Dave Schaning	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$239,000				\$239,000
2007	\$304,800				\$304,800
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$543,800	\$0	\$0	\$0	\$543,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$47,000	\$41,665	\$88,665
Construction & Implementation		\$192,000		\$192,000
Right-of-Way Acquisition				\$0
Equipment			\$262,000	\$262,000
Other			\$1,135	\$1,135
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$30,000		\$30,000
Professional Services			\$24,480	\$24,480
DPW Charges			\$17,185	\$17,185
Capitalized Interest				\$0
Park Services		\$17,000		\$17,000
Disadv. Business Serv.			\$1,135	\$1,135
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction		\$192,000		\$192,000
Equipment & Furnishings			\$262,000	\$262,000
Other Expenses				\$0
Total Project Cost	\$0	\$239,000	\$304,800	\$543,800

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$239,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$239,000

Cost Estimates Prepared By Scott Smith	DPW Review By Walter Wilson
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition n/a
Complete Preliminary Plans 4/06
Complete Final Plans & Specifications 6/06
Begin Construction 8/06
Complete Construction 10/07
Scheduled Project Closeout 12/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC023 – CH Complex Building Automation and Access Control Upgrade

An appropriation of \$239,000 is budgeted to begin upgrading the Courthouse Complex building automation and access control system. The project consists of replacing equipment that monitors and controls the Courthouse Complex HVAC, fire, and card access security systems. Financing will be provided by general obligation bonds.

The existing security master controls are obsolete and require an upgrade, despite the improvements that have occurred to many of the peripheral components. A system failure was experienced in 2005 and there was a delay in repairing the system because the needed parts were not available. The system upgrade will allow the various parts to function independently and avoid shutdowns due to malfunctions of the master controls.

The project will be complete in 2007 with the upgrade of the access control portion of the system.

The project will integrate the important HVAC, fire, and access card security systems for optimal control. The system upgrade will provide Facilities Management with a better ability to monitor the vital control systems for the Courthouse from a central mainframe location.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Jack Takerian. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC028	Project Title and Location Community Correction Center Infrastructure	4789-2005
Requesting Department or Agency Department of Public Works & Public Infrastructure	Functional Group General Government	
Department Priority 7	Person Completing Form Dave Schaning	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$145,600				\$145,600
2005	\$50,000				\$50,000
2006	\$260,900				\$260,900
2007	\$210,000				\$210,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$666,500	\$0	\$0	\$0	\$666,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$150,000	\$50,000	\$41,000	\$241,000
Construction & Implementation	\$40,000	\$198,000	\$168,000	\$406,000
Right-of-Way Acquisition		\$0		\$0
Equipment		\$0		\$0
Other	\$5,600	\$12,900	\$1,000	\$19,500
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$30,000		\$30,000
Professional Services	\$150,000		\$20,000	\$170,000
DPW Charges		\$20,000	\$21,000	\$41,000
Capitalized Interest	\$5,600	\$12,900	\$0	\$18,500
Park Services				\$0
Disadv. Business Serv.			\$1,000	\$1,000
Buildings/Structures		\$198,000	\$168,000	\$366,000
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings	\$40,000			\$40,000
Other Expenses				\$0
Total Project Cost	\$195,600	\$260,900	\$210,000	\$666,500

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$257,300
Airport Reserve	
Investment Earnings	\$3,600
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$260,900

Cost Estimates Prepared By John Bitz	DPW Review By Gary Drent
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$11,330
2005 Expenditures	\$32,376
Total Expenditures to Date	\$43,706
Encumbrances	\$26,449
Available Balance	\$125,445

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	4/2006
Complete Final Plans & Specifications	5/2006
Begin Construction	6/2006
Complete Construction	9/2006
Scheduled Project Closeout	12/2006

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC028 - Community Correction Center Infrastructure

An appropriation of \$260,900, including \$12,900 in capitalized interest, is budgeted in 2006 to continue replacement of heating units on the fourth and fifth floors. Financing is provided by \$3,600 in investment earnings and \$257,300 in general obligation bonds.

A total of fifty-two (52) heating units that are obsolete and/or non-functional have to be replaced. Removal of existing non-functional bathrooms on the third floor would also begin.

A property condition reassessment report was completed in 2005. The report concluded that demolition and construction of a new facility would be the best choice for the future of the existing facility.

The existing facility, if completely renovated, still would not fully meet existing Huber correction facility requirements. The 2006 funding request addresses only pressing operational issues. This will allow for more cost effective and functional operation of the facility until final decisions can be made on the future direction of the facility.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Jack Takerian. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC040	Project Title and Location CJF Inmate Elevator Upgrade	4789-2005
Requesting Department or Agency Parks and Public Infrastructure		Functional Group General Government
Department Priority 1	Person Completing Form Ivars Zusevics	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$72,000				\$72,000
2006	\$708,324				\$708,324
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$780,324	\$0	\$0	\$0	\$780,324

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$72,000	\$278,594		\$350,594
Construction & Implementation		\$394,730		\$394,730
Right-of-Way Acquisition		\$0		\$0
Equipment		\$0		\$0
Other		\$35,000		\$35,000
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$210,000		\$210,000
Professional Services				\$0
DPW Charges	\$12,000	\$68,594		\$80,594
Capitalized Interest		\$35,000		\$35,000
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$60,000	\$394,730		\$454,730
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$72,000	\$708,324	\$0	\$780,324

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$698,674
Airport Reserve	
Investment Earnings	\$9,650
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$708,324

Cost Estimates Prepared By Graef, Anhalt and Schloemer	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$6,558
Total Expenditures to Date	\$6,558
Encumbrances	(\$0)
Available Balance	\$65,442

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	3/1/06
Complete Final Plans & Specifications	5/1/06
Begin Construction	7/1/06
Complete Construction	11/1/07
Scheduled Project Closeout	12/1/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC040 – CJF Inmate Elevator Upgrade

An appropriation of \$708,324, including \$35,000 in capitalized interest, is budgeted for the upgrade of inmate elevators in the Criminal Justice Facility. Financing is provided by \$9,650 in investment earnings and \$698,674 in general obligation bonds.

There are four elevators that serve as the principal means of jail transportation between floors for inmates, Sheriff deputies, and food service. These elevators are 12 years old and used on a 24-hour, seven-day-a-week basis. Given their age and heavy use, the equipment is experiencing an increasing frequency of breakdowns. Generally, at least one of the four elevators is out of order, at any given time.

Evaluation and design were completed in 2005. Equipment upgrades are planned for 2006. Equipment upgrades include the replacement of elevator operating controls and cables.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Steve Dragosz. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WC046	Project Title and Location Courthouse Security Equipment		4789-2005
Requesting Department or Agency DPPI - Administration		Functional Group Courthouse Complex Security	
Department Priority 1	Person Completing Form John G. Martin	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$75,000				\$75,000
2006	\$125,000				\$125,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$200,000	\$0	\$0	\$0	\$200,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$75,000	\$125,000		\$200,000
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$75,000	\$125,000	\$0	\$200,000
Other Expenses				\$0
Total Project Cost	\$75,000	\$125,000	\$0	\$200,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$125,000
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash	
Contributions	
Other Revenue	
Total Budget Year Financing	\$125,000

Cost Estimates Prepared By Julious Hulbert	DPW Review By Julious Hulbert
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Project Useful Life (Years)	5
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$32,797
Total Expenditures to Date	\$32,797
Encumbrances	\$32,797
Available Balance	\$9,406

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition N.A.
Complete Preliminary Plans 02-15-2006
Complete Final Plans & Specifications 02-28-2006
Begin Construction 05-05-2006
Complete Construction 05-15-2006
Scheduled Project Closeout 05-30-2006

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC046 – Courthouse Security Equipment

An appropriation of \$125,000 is budgeted to replace security equipment throughout the Courthouse Complex. Financing is provided by general obligation bonds.

This project was begun as part of the 2005 capital budget and was expected to continue for a period of 5 years, with an equal number of machine installations being replaced each year. These purchases are important to improve security measures in and around the Courthouse Complex.

Security equipment, including X-ray imaging and walk-through magnetometers, has an average life expectancy of eight to ten years, but when the equipment is utilized on a continuing daily basis with large volumes of traffic, the life expectancy declines. Running the risk of machinery breakdown would require manual searches that are more labor intensive, slower and less efficient, increasing the chance of error.

In order to avoid failure of equipment and station shutdowns, two machines will be purchased in 2006. The current estimated cost of two machines with shipping under the Government Services Administration (GSA) contract is \$75,000.

Department of Public Works staff will pursue any and all opportunities for Homeland Security aid and/or grants to fund Courthouse security costs.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works administrative staff will be responsible for overall project management. The Project Manager will be Jack Takerian.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC048	Project Title and Location Courthouse Annex Demolition and Parking Lot Construction	4789-2005
Requesting Department or Agency Parks and Public Infrastructure	Functional Group General Government	
Department Priority 1	Person Completing Form Ivars Zusevics	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$5,260,000				\$5,260,000
2007	\$1,800,000				\$1,800,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$7,060,000	\$0	\$0	\$0	\$7,060,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$5,000,000	\$1,800,000	\$6,800,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other		\$260,000		\$260,000
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest		\$260,000		\$260,000
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$5,000,000	\$1,800,000	\$6,800,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$5,260,000	\$1,800,000	\$7,060,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$5,188,600
Airport Reserve	
Investment Earnings	\$71,400
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget	\$5,260,000
Year Financing	

Cost Estimates Prepared By Graef, Anhalt and Schloemer	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	3/1/06
Complete Final Plans & Specifications	5/1/06
Begin Construction	7/1/06
Complete Construction	11/1/07
Scheduled Project Closeout	12/1/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC048-Courthouse Annex Demolition and Parking Lot Construction

An appropriation of \$5,260,000, including \$260,000 in capitalized interest, is budgeted to provide the necessary asbestos abatement, surface lot construction and demolition of the Courthouse Annex. Initial financing is provided by \$71,400 in investment earnings and \$5,188,600 in general obligation bonds.

The County has an outlined agreement with the Wisconsin Department of Transportation (WisDOT). Based on the terms of the outlined agreement WisDOT would pay for the \$5.8 million of the \$6.8 million in costs for the demolition of the Annex, asbestos remediation, and construction of the retaining wall and surface parking lot. The County would reimburse the State with \$4 million in land sale proceeds from the Federal Highway Authority (FWHA) for the sale of the Park East land. The County would pay the \$1.8 million balance of the \$5.8 million paid by the State upon completion of the Marquette Interchange Project in late 2008 or early 2009. There is a chance that the \$1.8 million reimbursement amount could be financed with proceeds from the sale of the Park East land.

Background

The County and its consultant undertook a number of structural inspections and inventory of the Courthouse Annex in recent years. In 1997, Vanderweil Facilities Advisors (VFA) completed a Property Condition Assessment Report. Since then, DPPI staff has been updating the report data annually. Existing programs to monitor asbestos that began in 1994 are continuing. In December of 2002, engineers from Graef, Anhalt, Scholemer & Associates, Inc. (GASAI), performed visual inspection and condition assessment of the Courthouse Annex and prepared a report titled "Structural Investigation of the Courthouse Annex". In October of 2003, Milwaukee County engineers performed visual structural inspection of the Courthouse Annex. The findings were compiled in the October 3, 2003, report titled "Structural Evaluation and Immediate Repairs Recommendations". As a result of the October 3rd report, Milwaukee County workers in November 2003 removed as much as possible any delaminated and loose concrete surfaces from the exterior of the Annex and secured stitch plates and cast iron drain pipes on the underside of level D in order to help reduce the County's risk.

Engineers from GASAI, in February of 2004, prepared a "Cost Analysis on Building Restoration of the Milwaukee County Courthouse Annex" report that discusses alternatives to either restore or demolish the Courthouse Annex, with consideration to the upcoming Marquette Interchange Reconstruction.

The County Board adopted a resolution in June 2005 selecting the option to demolish the Courthouse Annex and replace the parking needs with a series of surface lots in the vicinity of the Courthouse Complex. Department of Parks and Public Infrastructure-Architectural, Engineering and Environmental Services has developed a scope of work and is preparing bids to hire consultants for asbestos abatement and actual demolition. Anticipated asbestos abatement is set to occur in fall 2006. An appropriation transfer of \$1.3 million was approved in 2005 to begin the project.

The scope of work for the appropriation transfer consists of construction of the surface lot parking at the Museum. In accordance with the outlined agreement, Milwaukee County will be responsible for the cost of conditioning and paving the Museum west parking lot and the 10th street parking lot. WisDOT agrees to pay for any costs incurred by the Marquette Interchange Reconstruction Project due to the Annex project, including but not limited to lighting revisions, traffic alignment revisions and control, administrative costs for processing of change orders to WisDOT contractors for time and/or money.

Due to the Marquette Interchange Reconstruction Project, County parking under the interchange "pit parking" had to be temporarily abandoned. The restoration of the "pit parking" under the interchange core will be addressed in a future Memorandum of Understanding between the County and WisDOT.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC048-Courthouse Annex Demolition and Parking Lot Construction (Continued)

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The Project Manager will be Greg High. Specialized consultants will be retained as needed.

COURTHOUSE COMPLEX Infrastructure Facts

<u>Facilities</u>	<u>Square Footage</u>	<u>Year Constructed</u>
Courthouse	880,000	1932
Courthouse Annex	240,000	1969
Office & Shops	100,000	1969
Parking	140,000	1969
Safety Building	407,000	1929
Criminal Justice Center	500,000	1992
Community Correctional Center	66,000	1930
Medical Examiner	46,000	1974
Total Complex	2,379,000	

Other Miscellaneous Facts

Public Skywalk	Gone/Closed
Courtrooms	48
Elevators	48
Total Parking Spaces	334
Parking Structure (Annex Footprint)	110
Museum West	35
6 th & State	189
Sidewalks	1.1 miles

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2006 ADOPTED CAPITAL IMPROVEMENTS

**SECTION 13
HOUSE OF CORRECTION**

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ014	Project Title and Location HOC Infrastructure Improvements		4789-2005
Requesting Department or Agency House of Correction		Functional Group Courts, Public Safety	
Department Priority 1	Person Completing Form Molly Pahl	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$680,200				\$680,200
2005					\$0
2006	\$246,101				\$246,101
2007	\$250,000				\$250,000
2008	\$250,000				\$250,000
2009	\$250,000				\$250,000
2010	\$250,000				\$250,000
SUBSEQUENT					\$0
TOTAL	\$1,926,301	\$0	\$0	\$0	\$1,926,301

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$79,616	\$40,160	\$34,352	\$154,128
Construction & Implementation	\$371,590	\$205,941	\$964,764	\$1,542,295
Right-of-Way Acquisition				\$0
Equipment	\$225,000			\$225,000
Other	\$3,994		\$884	\$4,878
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$50,210	\$15,421	\$21,140	\$86,771
DPW Charges	\$30,400	\$24,739	\$13,212	\$68,351
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$3,994		\$884	\$4,878
Buildings/Structures	\$370,596	\$205,941	\$964,764	\$1,541,301
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$225,000			\$225,000
Other Expenses				\$0
Total Project Cost	\$680,200	\$246,101	\$1,000,000	\$1,926,301

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$246,101
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$246,101

Cost Estimates Prepared By John Bunn	DPW Review By Tom Voigt
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$264,958
2004 Expenditures	\$205,141
2005 Expenditures	\$102,416
Total Expenditures to Date	\$572,514
Encumbrances	\$25,410
Available Balance	\$82,276

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction various
Complete Construction various
Scheduled Project Closeout various

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ014 – HOC Infrastructure Improvements

An appropriation of \$246,101 is budgeted for various infrastructure projects at the House of Corrections. Financing will be provided with general obligation bonds.

This capital project consists of capitalized major maintenance appropriations to provide the proper level of equipment and building maintenance required for these facilities. Infrastructure projects for 2006 total \$246,101 and include the following work elements.

WJ01425 - Water Softener Replacement –Replace potable water softener in Lotter Building (\$15,415)

The current unit is 11 years old and has a capacity of only 7,500 gallons per unit. The HOC needs a larger unit of 15,000 gallons per unit. This is a twin system consisting of two units, one online and other in stand by.

WJ01437 - Control Panel Lotter Building and 600-Bed Facility (\$100,380)

Replace existing Control Panel for the Lotter Building and 600 Bed Facility. The control panel was installed in 1990 and the switches are outdated. It is difficult to find vendors to provide service and replacement parts.

WJ01438 - Install a two-inch steam line to the ACC heat exchange (\$24,746)

In 2002, the HOC completed a Health Center Renovation within the Adult Correctional Center (ACC), which was originally constructed in 1952. As a part of that renovation, three new HVAC systems were installed. The systems are being used to provide the Health Center with air conditioning. The Health Center is the only area within the 110,720 square foot ACC building with air conditioning. When the system is operating it will not allow any windows to open. This provides temperate air throughout the area.

The Health Center is 6,400 square feet and houses up to 12 inmates in the infirmary. During the day, the medical and dental staff use the space to conduct exams and medical check-ups on inmates. Typically, 50 people can be located within the Health Center during the day.

Since the HVAC systems are used to provide air conditioning, the Health Center is typically cooler than the remainder of the ACC. During the spring and fall with the warm days and the cool nights, the Health Center uses the air conditioning to cool the days but needs to have heat during the evenings. Sometimes the temperatures drop into the mid 60's by the evening. The installation of the steam line to the Health Center will allow for regulated heat year around without turning on the entire heating system. This would allow the ACC to shut off heat to the remainder of the building earlier in the year. The installation of the steam line should also result in operating savings, as the HOC should be able to shut off the heat early in the spring and delay turning it on in the fall resulting in lower natural gas expenses.

WJ01439 - Install a supply & exhaust fan in the powerhouse (\$27,883)

The Adult Correctional Center (ACC), which was originally constructed in 1952, was built with a partially underground cold storage room. The room was enclosed with no windows or airflow access. The Powerhouse room now houses three boilers. Two of the boilers are located in half of the Powerhouse with exhaust windows installed. The third boiler is in the other half of the Powerhouse in a sealed room with no windows and no exhaust.

In order for boilers to function properly, fresh air needs to be provided. This project would allow for glass block to be removed and replaced with a make-up combustion air fan, an exhaust system and a pneumatic damper. This will drop the temperature of the building making the area more comfortable for the staff member and inmate who work in the area. The area is staffed 24 hours a day seven days a week. The boiler also produces soot due to the lack of exhaust system.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ014 – HOC Infrastructure Improvements (Continued)

The lack of exhaust and air intake creates extremely high temperatures in the building which causes damage to the brick exterior and results in the need for tuck-pointing. There is also equipment located in the same room as the boiler, which is susceptible to the high temperatures. With the installation of the pneumatic damper, this boiler would be added to the Matasys System, which is a computer program that runs the building. This would complete the HOC components on the system. The system calculates the need for air for the boiler to run at maximum efficiency.

WJ01440 - Dealkalizer in Powerhouse (\$77,677)

Replace the dealkalizer system. The use of solution of sodium chloride salt brine and sodium hydroxide has caused the dealkalizer to corrode and clog. The normal system flow rate is 16 GPM. The current system is flowing at a considerably lower rate.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ032	Project Title and Location HOC - Replace Boiler Room Condensate Pump and Tank	4789-2005
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority 2	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$167,300				\$167,300
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$167,300	\$0	\$0	\$0	\$167,300

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$27,300		\$27,300
Construction & Implementation		\$140,000		\$140,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$16,800		\$16,800
DPW Charges		\$10,500		\$10,500
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$140,000		\$140,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$167,300	\$0	\$167,300

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$167,300
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$167,300

Cost Estimates Prepared By William Robedeau	DPW Review By Thomas C. Voigt
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications 5/1/06
Begin Construction 7/1/06
Complete Construction 10/1/06
Scheduled Project Closeout 12/1/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ032 - HOC Replace Boiler Room Condensate Pump and Tank

An appropriation of \$167,300 is budgeted to replace the Boiler Room condensate pump and tank at the House of Correction (HOC). Financing will be provided with general obligation bonds.

This project is on the five-year plan and is scheduled for 2006. The cost estimate provided by the Department of Parks and Public Infrastructure (reverted back to the Department of Public Works (DPW) in 2006) for 2006 has been updated to \$167,300 due to updated construction costs and field investigation of actual conditions.

As a part of the 2005 Capital Improvements Budget, the HOC is converting the Franklin M. Lotter Building from natural gas heat to steam heat. The Lotter Building was constructed in 1990 and is 27,596 square feet in size. The building was constructed to use gas heat via gas roof-top units. The units have been failing and are beyond their life span. The units have malfunctioned at times resulting in the pumping of carbon monoxide into the Lotter Building. The Lotter Building has five dorms holding a maximum of 300 inmates. The Industries Building was built in 2003 using steam heating. The Industries Building is 9,300 square feet. The current capital project to convert the Lotter Building to steam heat is using the existing piping to the Industries Building and extending that piping to provide heat to the Lotter Building.

A byproduct of steam heat is condensate, which requires an adequately sized pump and tank. The pump and tank currently in use was installed in 1988 and was not anticipated to serve more than the existing building. With the addition of both the Industries Building and the Lotter Building, the pump and tank are now serving an additional 36,896 square feet. The current tank and pump are at their maximum capacity and are in need of replacement due to age and the need for additional capacity.

The additional benefit to replacing the boiler room condensate pump and tank is that operating savings should result since the HOC already produces enough steam to heat the Lotter Building and currently purchases natural gas from WE Energies to heat the Lotter building. Operating savings are estimated to be approximately \$60,000 per year.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ034	Project Title and Location Ventilate Tailor Shop	4789-2005
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority 3	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$288,398				\$288,398
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$288,398	\$0	\$0	\$0	\$288,398

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$47,565		\$47,565
Construction & Implementation		\$240,833		\$240,833
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$0		\$0
Professional Services		\$28,900		\$28,900
DPW Charges		\$18,665		\$18,665
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$240,833		\$240,833
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$288,398	\$0	\$288,398

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$288,398
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$288,398

Cost Estimates Prepared By William Robedeau	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition n/a
Complete Preliminary Plans 4/1/06
Complete Final Plans & Specifications 6/1/06
Begin Construction 8/1/06
Complete Construction 12/1/06
Scheduled Project Closeout 12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ034 – Ventilate Tailor Shop

An appropriation of \$288,398 is budgeted to ventilate the Tailor Shop at the House of Correction (HOC). Financing will be provided with general obligation bonds.

In 1988, the Surgis Center was built at the HOC to provide space for laundry and industry activities. Adjacent to the laundry facility, a large industries room was constructed for future unspecified purposes. As such, ventilation was not included in the construction of the room due to the varying requirements for ventilation contingent upon which type of industry the room was being used for. The space is approximately 17,500 in square feet.

The room has been used as a tailor shop where inmates and staff fold and store laundry for the last seven to ten years. The room has no heat, no air conditioning and no air exchange. The only manner in which to provide heat or air conditioning to this area is to prop open the doorway connecting the room to the laundry area, which creates a strong suction effect on the Tailor Shop.

The lack of ventilation in the Tailor Shop has created an unhealthy work environment for the 15 – 20 inmates and staff who work six days a week 10 hours a day in this room. There are code violations and health and safety issues. In addition, lack of ventilation in this room is in violation of OSHA regulations.

HOC Estimate Ventilate Taylor Shop			
Item	Quantity	Price each	Extended
Makeup Air Unit	1	11,000	11,000
Ductwork	150	200	30,000
Heat Exchanger 1.5 MBH	1	14,400	14,400
Pumps	1	5,000	5,000
Insulate Duct	40	100	4,000
Steam Piping	150	400	60,000
Roof curbs	1	1,500	1,500
Air Intake Cupola	1	2,300	2,300
Roof Repair	1	2,500	2,500
Glycol Fill Station	1	1,500	1,500
Expansion Tank	1	2,200	2,200
Structural Reinforcement	1	7,500	7,500
Air Elimination	1	2,500	2,500
Glycol Piping	50	400	20,000
Piping Insulation	200	80	16,000
Controls	1	15,000	15,000
Total			195,400

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ035	Project Title and Location Replace Hot Air Handling Unit in Cellblock	4789-2005
Requesting Department or Agency House of Correction		Functional Group Courts, Public Safety
Department Priority 4	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$58,296				\$58,296
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$58,296	\$0	\$0	\$0	\$58,296

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$17,529		\$17,529
Construction & Implementation		\$40,767		\$40,767
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$4,891		\$4,891
DPW Charges		\$12,638		\$12,638
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$40,767		\$40,767
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$58,296	\$0	\$58,296

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$58,296
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$58,296

Cost Estimates Prepared By William Robedeau	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	4/1/06
Complete Final Plans & Specifications	6/1/06
Begin Construction	8/1/06
Complete Construction	12/1/06
Scheduled Project Closeout	12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ035 - Replace Air Handling Unit in Cellblock

An appropriation of \$58,296 is budgeted to replace an air-handling unit in the cellblock. Financing will be provided with general obligation bonds.

The cellblock is a two dormitory area with one dorm on each floor. This area holds 58 inmates total in cells that are five feet by eight feet in size. Total square footage of the area is 6,200 square feet. This is the maximum-security area for inmates at the HOC who require segregation from the remaining population.

The air-handling unit in this area was installed in 1952 when the building was constructed and is 53 years old. The bearings and shaft of the unit are worn out and the unit is not functioning. It is beyond its useful life and is no longer able to be repaired. There are code violations and health and safety issues.

The result of the malfunctioning of the air-handling unit is that the cellblock becomes extremely hot in summer with temperatures in excess of 90°. Due to the extreme heat that occurs in the summer months, inmates break the windows of the cellblock to produce airflow and attempt to reduce the temperature. In the winter, the cellblock becomes extremely cold forcing the staff to wear jackets at all times in order to stay warm. The inmates use blankets to keep warm in the cold months.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ038	Project Title and Location Replace Hot Water Heaters	4789-2005
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority 7	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$271,932				\$271,932
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$271,932	\$0	\$0	\$0	\$271,932

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$44,849		\$44,849
Construction & Implementation		\$227,083		\$227,083
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$27,250		\$27,250
DPW Charges		\$17,599		\$17,599
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$227,083		\$227,083
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$271,932	\$0	\$271,932

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$271,932
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$271,932

Cost Estimates Prepared By William Robedeau	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	4/1/06
Complete Final Plans & Specifications	6/1/06
Begin Construction	8/1/06
Complete Construction	12/1/06
Scheduled Project Closeout	12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ038 – Replace Hot Water Heaters

An appropriation of \$271,932 is budgeted to replace hot water heaters in the Adult Correctional Center. Financing will be provided with general obligation bonds.

The Adult Correctional Center (ACC), which was originally constructed in 1952, has two 6,000-gallon hot water heaters. These heaters are used to keep hot water available to the facility at all times. The tanks are 53 years old and are obsolete. The heaters are no longer repairable. The bottoms of the tanks are rusting out and have numerous pin size holes in them, which is causing leaking.

The HOC has installed instantaneous water heating systems in the 600-bed facility, 400-bed facility, Industries Building and the Franklin M. Lotter Building. These systems are capable of heating water as needed. They are much more efficient and produce energy savings. The installation of the new instantaneous water heaters in the ACC would also standardize the hot water heaters at the HOC and occupy less space than the current aging tanks.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WJ039	Project Title and Location HOC - Replace Ice Builder	4789-2005
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority 7	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$115,000				\$115,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$115,000	\$0	\$0	\$0	\$115,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$115,000		\$115,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST		5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$115,000		\$115,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$115,000	\$0	\$115,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$115,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$115,000

Cost Estimates Prepared By William Robedeau	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	4/1/06
Complete Final Plans & Specifications	6/1/06
Begin Construction	8/1/06
Complete Construction	12/1/06
Scheduled Project Closeout	12/31/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ039 – HOC Replace Ice Builder

An appropriation of \$115,000 is budgeted by the House of Correction (HOC), for the replacement of the Ice Builder with a new machine located outside the HOC facility with piping running into the kitchen. Financing will be provided with general obligation bonds.

The HOC kitchen provides food service to all inmates within the Criminal Justice Facility, Adult Correctional Center and the Community Correctional Center. Approximately 9,500 meals are produced each day. HOC employs the quick chill cooking method. This cooks food and then tumble chills it to 42°F. The food can then be stored for up to its maximum length in terms of food safety prior to serving. The Ice Builder is used to build up ice water that supplies the tumble chiller that reduces the temperature of the food to 42°F. The current Ice Builder has formed pinpoint holes and is leaking Freon. The Ice Builder was installed in 1998.

The leaks in the Ice Builder have resulted in the replacement of Freon on a bi-monthly basis at a cost of approximately \$5,000. In addition, due to the current loop system in place, the Ice Builder is on the same system as the chillers that operate the coolers and freezers in the kitchen. There are 12 freezers and coolers operating on the loop system. Since the Ice Builder continues to lose Freon this results in the temperature rising within the freezers and coolers. The HOC kitchen has had food spoil because of the variance in temperatures.

The savings on the cost of Freon and the wasted food will offset the overall cost of this unit. The unit is currently in an enclosed room with no access to replace the failing coils. The only way to remove the coils now is by cutting a ten by twelve foot hole through the eight-inch solid concrete wall, moving the ice builder outside and getting a crane to remove the coils. This cost, compounded by the age of the unit, justifies replacing the whole unit. The current unit is seven years old. By moving the unit outside, future maintenance and repairs will be accessible. Furthermore, the current setup has the freezers, coolers and the ice builder on the same system. This would eliminate the potential of multiple units being out of service at the same time. The useful life of a new unit is seven to ten years.

The cost breakdown is as follows:

\$ 47,795	Ice Builder from Boelter
23,000	Installation from Real Refrigeration
24,000	Separation of systems from Real Refrigeration
<u>20,205</u>	Cost of refrigerant, insulation, pouring of concrete slab and relocating the pump for the Ice Builder
\$115,000	Total

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

House of Correction staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ040	Project Title and Location HOC 2 Color Press	4789-2005
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$133,800				\$133,800
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$133,800	\$0	\$0	\$0	\$133,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$133,800		\$133,800
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$133,800		\$133,800
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$133,800	\$0	\$133,800

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$133,800
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$133,800

Cost Estimates Prepared By David S. Gulgowski	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ040 - HOC 2 Color Press

An appropriation of \$133,800 is budgeted for the House of Correction (HOC) Print Shop to purchase a 14-inch by 20-inch, two-color offset press to increase the print shop capacity for government and non-profit customers such as the Zoological Department and the County Board. Financing will be provided with general obligation bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The House of Correction staff will be responsible for overall project management.

HOUSE OF CORRECTION Infrastructure Facts

<u>Facility</u>	<u>Gross Square Footage</u>	<u>Year Acquired/ Constructed</u>	<u>Design Bed Capacity</u>
Barn/Fish Hatchery	9,800	1948	
Power Plant	3,897	1951	
Adult Correctional Center	110,720	1953	408
Auto Maintenance/Garage	5,000	1964	
Surgis Multi-purpose Building	30,000	1987	
Laundry	17,500	1989	
Frank M. Lotter Building	27,596	1990	250
Warehouse	8,100	1991	
Greenhouse	3,450	1993	
Community Correctional Center	75,568	1989	200
Warehouse Addition	5,200	1998	
Adult Correctional Center Addition	191,000	1999	1,152
Industries Building/Graphics	<u>9,000</u>	2003	
Total	496,831		2,010

2006 ADOPTED CAPITAL IMPROVEMENTS

**SECTION 14
OTHER COUNTY AGENCIES**

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WO021	Project Title and Location Milwaukee County Public Art Program	4789-2005
Requesting Department or Agency Department of Administrative Services - Fiscal Affairs		Functional Group General Government
Department Priority	Person Completing Form Michael Compton	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$791,189				\$791,189
2005	\$97,278				\$97,278
2006	\$69,542				\$69,542
2007	\$100,000				\$100,000
2008	\$100,000				\$100,000
2009	\$100,000				\$100,000
2010	\$100,000				\$100,000
SUBSEQUENT					\$0
TOTAL	\$1,358,009	\$0	\$0	\$0	\$1,358,009

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$158,165	\$17,386	\$100,000	\$275,551
Construction & Implementation	\$730,302	\$52,156	\$300,000	\$1,082,458
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2005 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$158,165	\$17,386	\$100,000	\$275,551
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$730,302	\$52,156	\$300,000	\$1,082,458
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$888,467	\$69,542	\$400,000	\$1,358,009

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Miscellaneous Revenue	
Property Tax Revenue	\$17,386
G.O. Bonds and Notes	\$52,157
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$69,542

Allocation Prepared By Clare O'Brien	DAS Review By Pamela Bryant
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Project Useful Life (Years)	5
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Project Fiscal Status

Prior Year Expenditures	\$573,975
2003 Expenditures	\$123,748
2004 Expenditures	\$89,170
Total Expenditures to Date	\$786,893
Encumbrances	\$10,430
Available Balance	\$91,144

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO021 – Milwaukee County Public Art Program

An appropriation of \$69,542 is budgeted for the public art program. This project is financed by \$ 52,157 in general obligation bonds and \$17,386 in property tax levy.

In reviewing budgeted eligible projects for 2006, one percent of the costs for eligible projects is approximately \$69,542.

Not all of the projects listed on the proceeding page may provide opportunities for public art, but these projects appear eligible based on the Milwaukee County One Percent for Art Program Guidelines. The Public Art Committee may decide that funds from a specific improvement project are insufficient or that the site is inappropriate for public art. Funds may then be transferred to other Percent for Art projects or remain in the Public Art Program account. Therefore, actual fund amounts for an art project may not equal one percent of its construction cost. Although funds within the Airport may be transferred to and from Airport projects through a fund transfer as approved by the County Board, Airport funds cannot be transferred to non-Airport projects within the Public Art Program as described in the paragraph below.

There is one Airport capital project that is eligible for public art – WA006 – C Concourse Gate Expansion. The Airport has budgeted \$25,800 in funds dedicated to public art within C Concourse Gate Expansion project. Public art projects for the Airport must be financed and budgeted separately, according to Federal regulations and the lease agreement between Milwaukee County and the Airlines. Therefore, Airport public art projects and qualifying public art projects identified throughout the rest of the capital budget must maintain two separate funding sources, and these two funding sources cannot be commingled.

The Public Art Committee is comprised of nine members, four appointed by the County Executive, four appointed by the County Board Chairman and the Director of Parks and Public Infrastructure.

Pursuant to guidelines established in the 2000 Budget, the County Executive and County Board will designate and finance County capital projects for the one percent Public Art Program through the annual adopted budget.

To be eligible for the Public Art Program, a project must:

1. Have a construction budget of \$500,000 or more.
2. Be a structure/facility to which the public has access, or
3. Be a roadway, highway and/or bike trail.

Projects that are not eligible for the Public Art Program include:

1. Purchase of computer equipment.
2. Purchase of fleet equipment.
3. Projects involving demolition (without reconstruction).
4. Projects that do not involve or provide general public access.
5. Land development projects involving environmental remediation/redevelopment.

The Committee is charged with reviewing the eligibility criteria, artist selection and making recommendations for additions/modifications. Any changes to the program criteria will require the review and approval of the County Board and the County Executive.

The Director of Parks and Public Infrastructure is responsible for contracting with artists and authorizing payment from the Public Art Program. Standard accounting procedures for disbursements will be followed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO021 – Milwaukee County Public Art Program (Continued)

Once a capital project is identified for public art, a selection panel appointed by the Public Art Committee will review proposals for specific projects and make recommendations to the Public Art Committee. The Public Art Committee then selects the final artist and approves the installation of work before the final payment is made.

The following is a list of eligible projects for 2006:

Project Number	Project Name	Construction Budget	1 Percent
WH201132	North Port Washington Road (Good Hope Road and Laramie Lane)	\$1,521,500	\$15,215
WH030012	West Forest Home Bridge - Branch of Root River	\$595,000	\$5,950
WH030052	West College Avenue - Whitnall Park Bridge #562	\$530,000	\$5,300
WH030082	Honeycreek Parkway Bridge #779	\$600,000	\$6,000
WH030092	Honeycreek Parkway Bridge #780	\$600,000	\$6,000
WH084012	South 76th Street - Parkview to Oaklahoma	\$1,066,325	\$10,663
WO029012	Milwaukee County Historical Society	\$1,474,149	\$14,741
WS005022	DHHS Marcia P. Coggs Human Services Center - North Entrance	\$567,267	\$5,673
	Total	\$6,954,241	\$69,542

Bond proceeds are limited to the construction of the artwork and artistic cost relating to construction. All other expenses of the program must be financed with another revenue source. Project administration costs of \$17,385, which reflects 25 percent of the one percent (\$69,542), are also included in the appropriation. Project administration costs are financed with sales tax revenues.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The Director of the Department of Public Works serves on the Public Art Committee along with other County Executive and County Board Chairman appointees. The project manager is Greg High.

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO026	Project Title and Location Public Safety Answering Point (formerly Sheriff's 911 Upgrade)	4789-2005
Requesting Department or Agency Sheriff		Functional Group General Government
Department Priority 5	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$494,630		\$247,315		\$247,315
2006	\$200,000		\$200,000		\$0
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$694,630	\$0	\$447,315	\$0	\$247,315

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$494,630	\$200,000		\$694,630
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$494,630	\$200,000		\$694,630
Other Expenses				\$0
Total Project Cost	\$494,630	\$200,000	\$0	\$694,630

Budget Year Financing

Federal, State and Local Aids	\$200,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$0
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$200,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$167,007
Total Expenditures to Date	\$167,007
Encumbrances	\$203,088
Available Balance	\$124,535

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO026 - Public Safety Answering Point – (formerly Sheriff 911 Upgrade)

An appropriation of \$200,000 is budgeted to continue to upgrade the Sheriff's Communication Center to provide enhanced wireless (E911) services. Financing for this project is provided by State revenue.

The 2003 Wisconsin Act 48 created a wireless 911 fund that designated that for a period of three years cellular phone users will pay a surcharge that will help fund grants for wireless 911 emergency telephone services. Under the current 911 system, it is not possible for the Public Safety entity receiving a cellular phone call to determine the location of the cellular phone user. It has been determined that this information is a vital component in providing emergency response to 911 callers using cellular phones. Through the State of Wisconsin's adopted legislation, local emergency departments can use funds generated by the cell phone surcharge to upgrade and purchase equipment and other items that gives the ability to locate and track cellular 911 calls.

The Milwaukee County's Sheriff's Office's Communication Center currently receives approximately 400,000 cellular 911 phone calls annually. It is estimated that that amount will increase to 501,000 in 2006.

The Communication Center upgrade will continue to address the wireless database and routing issues.

In 2005, \$494,630 was budgeted for the Sheriff's Communication Center, offset with \$247,315 (50 percent) in State revenue. It is anticipated that the Sheriff's Department will receive \$400,000 of the State revenue in 2006 to finance costs for 2005 and 2006. The remaining \$47,315 in state revenue will be provided in 2007.

Staffing Plan

The Sheriff's Office will be responsible for project management.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO029	Project Title and Location Milwaukee County Historical Society Renovation - Phase II		4789-2005
Requesting Department or Agency Historical Society		Functional Group General Government	
Department Priority 1	Person Completing Form Ivars Zusevics	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,726,000			\$663,000	\$1,063,000
2005					\$0
2006	\$1,745,315				\$1,745,315
2007	\$3,540,000			\$1,770,000	\$1,770,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$7,011,315	\$0	\$0	\$2,433,000	\$4,578,315

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$498,194	\$271,166	\$582,648	\$1,352,008
Construction & Implementation	\$1,227,806	\$1,474,149	\$2,950,000	\$5,651,955
Right-of-Way Acquisition				\$0
Equipment				\$0
Other			\$7,352	\$7,352
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees	\$390,000	\$176,898	\$354,000	\$920,898
Professional Services				\$0
DPW Charges	\$108,194	\$94,268	\$228,648	\$431,110
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.			\$7,352	\$7,352
Buildings/Structures	\$1,227,806	\$1,474,149	\$2,950,000	\$5,651,955
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,726,000	\$1,745,315	\$3,540,000	\$7,011,315

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$872,658
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	\$872,658
Other Revenue	
Total Budget Year Financing	\$1,745,315

Cost Estimates Prepared By Scott Smith/Uihlein-Wilson Architects	DPW Review By Ivars Zusevics
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$83,390
2004 Expenditures	\$124,871
2005 Expenditures	\$551,463
Total Expenditures to Date	\$759,724
Encumbrances	\$939,370
Available Balance	\$26,906

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition n/a
Complete Preliminary Plans 03/01/05
Complete Final Plans & Specifications 06/01/06
Begin Construction 08/01/06
Complete Construction 02/01/07
Scheduled Project Closeout 03/01/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO029-Milwaukee County Historical Society Renovation – Phase II

An appropriation of \$1,745,315 is budgeted for Historical Society Renovation Phase II. This project is financed by \$872,658 in general obligation bonds and \$872,658 in matching funds from the Milwaukee County Historical Society.

The second phase of the project will include the replacement of the current wheelchair lift with a full-service elevator providing access to all three floors of the Historical Center, the relocation of the communicating stairway to the second floor, and the renovation of lower level toilet rooms to meet Americans with Disabilities Act (ADA) requirements. The total cost of Phase II is estimated by the Department of Parks and Public Infrastructure to be \$1,745,315 and the Historical Society will underwrite half of those costs from private funds raised through its Capital Campaign. All elements of the Phase II restoration fall within the “Potentially Critical” Category of the 2003 Vanderweil Facilities Advisors (VFA) *Facilities Condition Assessment*.

The restoration of the Milwaukee County Historical Center has been supported by a public/private partnership undertaken by the Historical Society in cooperation with Milwaukee County over the last three years. The 2002 and 2003 Adopted Capital Improvement Budgets included \$400,000 combined from the County to finance the planning phase of this project. In addition, the Historical Society provided \$100,000 in 2002 from private donations to finance its share of the design. Milwaukee County also committed \$663,000 from the 2004 Adopted Capital Improvement Budget for Phase I of the restoration project, including the repair, re-glazing, and repainting of the 27 cast iron windows surrounding the exterior of the Historical Center. Phase I of the project is currently in process and should be completed in October of this year.

The Historical Society, in consultation with Uihlein Wilson Architects, has chosen to address the specific components included in Phase II of the project for several reasons. First of all, ADA accessibility issues were identified as “Potentially Critical” in the *Facilities Condition Assessment* of the Historical Center prepared by VFA, Inc. in August 2003 under contract with Milwaukee County. The principal restrooms in the building are located on the basement level, which is currently accessible only by stairway, and each restroom is elevated an additional two stairs above the full basement floor. While the Historical Society added a single stall unisex restroom on the main floor in 1989 to address ADA requirements, this facility is very limiting for tour groups or large events. The three-stop elevator, the relocation of the stairway between the first and second floors, and the restoration of the restroom facilities will directly address these accessibility issues.

Secondly, the Historical Society selected these components for Phase II of the restoration project because they constitute a “stand alone” unit, which would upgrade the condition and functionality of the building even if no further restoration work were to be undertaken. Indeed, relocation of the stairway and replacement of the wheelchair lift will allow for the installation of a reception desk and gift shop counter, which will better enable the Society to generate additional income. In addition, improvements in the area of accessibility might also enhance the potential for increased facility rental revenue prior to the completion of the full restoration.

Phase II of the Historical Center restoration project has been included in the Milwaukee County Five-Year Plan at a level of \$761,985 for 2006. To date, the Society has received contributions or pledges to the Capital Campaign totaling \$1,724,485. When expenses to date are deducted, including the \$663,000 committed to the Phase I window restoration during 2004; the Society still has available \$762,913 of the \$872,658 required for Phase II of the project. With several major grant requests under consideration by local corporations and foundations, the Historical Society full expects to be able to satisfy its matching requirements during the 2005 fiscal year.

Upon completion of Phase I and Phase II of the Historical Center restoration, the Milwaukee County Historical Society plans to request support from Milwaukee County for the third and final phase of the project. With a continued commitment from Milwaukee County as part of the 2006 Capital Improvement Budget, the Historical Society will be well positioned to pursue additional private financial support to complete the remaining restoration of the Historical Center’s elegant interior.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO029-Milwaukee County Historical Society Renovation – Phase II (Continued)

The 2006 project will incorporate the replacement of the current wheelchair lift with a full service elevator that will provide access to all three levels of the building, relocation of stairway between the first and second floors and the renovation of the lower level restrooms to meet American Disabilities Act compliance. The Historical Society raised half of their needed improvement amount, which was \$874,500 (total phase two project cost \$1,749,000.)

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO030	Project Title and Location Countywide Access Road Improvement Program	4789-2005
Requesting Department or Agency Parks	Functional Group	
Department Priority 1	Person Completing Form Karl Stave	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,539,194				\$1,539,194
2005	\$200,000				\$200,000
2006	\$612,665				\$612,665
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$2,351,859	\$0	\$0	\$0	\$2,351,859

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$345,399	\$94,183		\$439,582
Construction & Implementation	\$1,183,795	\$518,482		\$1,702,277
Right-of-Way Acquisition	\$210,000			\$210,000
Equipment				\$0
Other			\$10,184	\$10,184
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$1,000		\$1,000
Professional Services	\$38,368			\$38,368
DPW Charges	\$277,962	\$93,183		\$371,145
Capitalized Interest				\$0
Park Services	\$28,153			\$28,153
Disadv. Business Serv.	\$1,782			\$1,782
Buildings/Structures				\$0
Land/Land Improvements	\$433,594			\$433,594
Roadway Plng & Construction	\$959,335	\$518,482		\$1,477,817
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,739,194	\$612,665	\$0	\$2,351,859

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$612,665
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$612,665

Cost Estimates Prepared By D Gulgowski	DPW Review By K Stave
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$727,466
2004 Expenditures	\$252,214
2005 Expenditures	\$498,758
Total Expenditures to Date	\$1,478,437
Encumbrances	\$97,194
Available Balance	\$163,562

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	NA
Complete Preliminary Plans	4/1/06
Complete Final Plans & Specifications	5/1/06
Begin Construction	7/1/06
Complete Construction	10/1/06
Scheduled Project Closeout	

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO030 - Countywide Access Road Improvements Program

An appropriation of \$612,665 is budgeted for the countywide replacement of asphalted roadways and parking lots. This project is financed by general obligation bonds.

Individual departments submit roadway and parking lot projects to the Department of Parks and Public Infrastructure (DPPI). The projects are consolidated with the highest priority project (s) being recommended for funding. DPPI performs pavement ratings for all County roadways. This evaluation looks at traffic volume, condition of pavement, overall riding comfort and drainage conditions. The recommendation for the following project is to reconstruct as soon as possible.

WO03004 – Honey Creek Parkway – 76th Street to Beloit Road \$200,000

Complete roadway reconstruction of parkway drive. Funding for this project is proposed over a two-year period (2006/07).

WO03017 – Greenfield Park Roadway – 118th Street to Root River Parkway/Lincoln Ave \$328,600

Complete park drive reconstruction from S. 118th Street extended through park to access to W. Lincoln Avenue.

WO030020 – HOC Parking Lot Repavement \$84,065

Two parking lots at the House of Correction (HOC) are in need of replacement. The parking lot located on the west side of the building has cracks as wide as 1.5 inches thick. The parking lot on the east side of the building was constructed without drains or sewers. Since the lot is located on wetlands, there has been consistent cracking. The project scope for both lots consists of replacement of the asphalt.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will perform overall project management. The project manager during construction will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. W0036	Project Title and Location Marcus Center - Electrical Substation Upgrade	4789-2005
Requesting Department or Agency Marcus Center		Functional Group General Government
Department Priority 3	Person Completing Form Steve Dragosz	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$71,700				\$71,700
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$71,700	\$0	\$0	\$0	\$71,700

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$11,700		\$11,700
Construction & Implementation		\$60,000		\$60,000
Right-of-Way Acquisition		\$0		\$0
Equipment		\$0		\$0
Other		\$0		\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$11,700		\$11,700
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$60,000		\$60,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$71,700	\$0	\$71,700

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$71,700
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$71,700

Cost Estimates Prepared By Steve Dragosz	DPW Review By Greg High
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	n/a
Complete Preliminary Plans	2/2006
Complete Final Plans & Specifications	
Begin Construction	3/2006
Complete Construction	7/2006
Scheduled Project Closeout	8/2006

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO036 – Marcus Center Electrical Substation Upgrade

An appropriation of \$71,700 is budgeted to upgrade the electrical substation in the Marcus Center. Financing will be provided by general obligation bonds.

This project consists of a series of upgrades to ensure the continued successful and efficient operation of the Marcus Center main electrical substation. These items include: infrared and corona scans; replacement of old insulators, bushings, and cable boots; and installation of power factor correction capacitors to continuously reduce electrical utility costs for the facility.

Upgrades of existing cage paneling and the installation of paneling in exposed areas are needed to improve the safety of the employees that service and inspect this area. The specific areas that need to be addressed are the electrical transformers and wiring that run to the AC to DC conversion modules.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Steve Dragosz. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO043	Project Title and Location Housing Project	4789-2005
Requesting Department or Agency County Board		Functional Group General Government
Department Priority	Person Completing Form	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$1,000,000				\$1,000,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$1,000,000	\$0	\$0	\$0	\$1,000,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other		\$1,000,000		\$1,000,000
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses		\$1,000,000		\$1,000,000
Total Project Cost	\$0	\$1,000,000	\$0	\$1,000,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	\$1,000,000
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,000,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO043 – Milwaukee County Inclusive Housing Fund

An appropriation of \$1,000,000 is budgeted to establish a capital account for a Milwaukee County Inclusive Housing Fund. This appropriation is financed by the net County proceeds from land sales.

This fund will be used to execute the housing provisions of the Park East Redevelopment Compact (PERC). Milwaukee County has committed to sponsor construction of new affordable housing of not less than 20 percent of the total housing units built on the County's Park East lands. The County, in each request for proposal for any given parcel, may require a different percentage of affordable housing or have no requirement at all. The County may use funds from this account to meet the PERC guidelines.

Staffing Plan

Overall, staff from the Department of Administrative Services-Economic & Community Development will perform the administration and oversight of the account.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO112	Project Title and Location Fleet Equipment Acquisition	4789-2005
Requesting Department or Agency DPPI-Fleet Management		Functional Group General Government
Department Priority 1	Person Completing Form Darryl D. Marcoux	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$3,052,850				\$3,052,850
2005	\$1,340,000				\$1,340,000
2006	\$2,251,500				\$2,251,500
2007	\$3,554,400				\$3,554,400
2008	\$4,079,500				\$4,079,500
2009	\$3,446,200				\$3,446,200
2010	\$4,126,500				\$4,126,500
SUBSEQUENT					\$0
TOTAL	\$21,850,950	\$0	\$0	\$0	\$21,850,950

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$4,392,850	\$2,251,500	\$15,206,600	\$21,850,950
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings	\$4,392,850	\$2,251,500	\$15,206,600	\$21,850,950
Other Expenses				\$0
Total Project Cost	\$4,392,850	\$2,251,500	\$15,206,600	\$21,850,950

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,901,500
Airport Reserve	
Investment Earnings	
PFC Revenue	\$350,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$2,251,500

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$1,113,910
2005 Expenditures	\$692,501
Total Expenditures to Date	\$1,806,411
Encumbrances	\$1,769,257
Available Balance	\$817,182

Project Annual Operating Costs

Net Annual Depreciation	\$232,322
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	\$232,322
Change in Annual Revenues	
Change in Property Taxes	\$232,322

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	01/06
Complete Final Plans & Specifications	3/06
Begin Construction	04/06
Complete Construction	11/06
Scheduled Project Closeout	12/06

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO112-Fleet Equipment Acquisition

An appropriation of \$2,251,500 is budgeted for replacement equipment. Financing will be provided by \$1,901,500 in general obligation bonds, and \$350,000 in Passenger Facility Charge (PFC) revenue.

A general overview of the equipment to be purchased by the Department of Parks and Public Infrastructure-Fleet Management Division is included in the table below. A more detailed listing of the type of equipment and cost is located on the following pages.

Sub-Project	Department	Budget
WO112	General Fleet	\$ 1,901,500
WO112	Airport Vehicles-PFC Funds	\$ 350,000
	Total	\$ 2,251,500

The actual equipment purchased in 2006 will be based on the highest priority items identified by Fleet Management in cooperation with the using Departments. Priority codes will be reflected in the equipment detail listing. These codes are **High** for a critical piece, **Medium** for an important piece and **Low** for a standard replacement piece.

Debt for equipment acquisitions will be structured over a shorter time period to match the expected useful life of equipment, vehicles and attachments. Debt financing for automobiles and light trucks will be structured over four to seven years instead of 15 years anticipated for other capital improvements. In addition, residual savings realized from the purchase of the equipment may be used to cover shortfalls on other replacement equipment on this schedule.

When purchasing vehicles or equipment for replacement, departments are required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit that is replaced. Any department wishing to retain old equipment as spares or extra pieces must obtain prior authorization from the County Board. All cost associated with the repair, maintenance, replacement and management of these unit(s) is the sole responsibility of the using department.

Although there are no new additional vehicles or equipment being budgeted for 2006, departments requesting new and additional vehicles or equipment must make such a request in their budget so as to justify program needs and receive County Board approval. Funding for new/additional pieces must be added to the budget monies allocated for replacement equipment. All other associated expenses such as fuel, parts, and future anticipated expenses also should be identified.

This amount is a reflection of a Fleet vehicle replacement program that replaces the most critical frontline pieces of equipment and pieces of equipment that have outlived their useful life.

Since the Airport capital improvements program has been increasingly relying on PFC revenue as a financing source, starting in 2006, the Airport will submit quarterly reports to the Department of Administrative Services - Fiscal Affairs Division reconciling the total amount of PFC cash available to finance current and future capital projects and to pay debt service for the current fiscal year and the term of the outstanding bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan

The Department of Public Works Project Manager is George Torres.

YEAR 2006 BUDGET-FLEET EQUIPMENT ACQUISITIONS

WO112-DETAIL LIST

HIGH = Critical Piece

Med = Important Piece

Low = Standard Replacement Piece

								CHASSIS	633	635	Other		
LINE	EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	MAIN				Attachments/	TOTAL
NUMBER	LIFE		CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	UNIT	Plow	Wing		Equipment	BUDGET
FLEET EQUIPMENT													
HIGHWAY													
1	118098	9	High	5110	Highway - North	1994	Patrol Truck - Tandem	\$ 90,000	\$ 17,000	\$ 12,000	\$	77,000	\$ 196,000
2	401054	10	High	5110	Highway - North	1987	Compressor	\$ 18,000					\$ 18,000
3	106038	6	High	5120	Highway - Central	1996	Patorl Truck	\$ 77,000	\$ 9,500	\$ 8,500	\$	45,000	\$ 140,000
4	118099	9	High	5120	Highway - Central	1994	Patrol Truck - Tandem	\$ 90,000	\$ 17,000	\$ 12,000	\$	77,000	\$ 196,000
5	118093	9	High	5140	Highway - South	1993	Patrol Truck - Tandem	\$ 90,000	\$ 17,000	\$ 12,000	\$	77,000	\$ 196,000
6	401049	10	High	5150	Highway - Central	1984	Compressor	\$ 18,000					\$ 18,000
7	493017	10	High	5160	Highway - Central	1987	Pole Trailer	\$ 22,000					\$ 22,000
													\$ 786,000
SHERIFF													
8	150214	3	High	4016	Airport Security	2000	SUV Tahoe, 4WD	\$ 29,000			\$	5,000	\$ 34,000
9	150216	3	High	4016	Airport Security	2000	Squad Sedan	\$ 28,000			\$	5,000	\$ 33,000
10	150206	3	High	4021	Taffic Patrol	1999	SUV Tahoe, Pursuit	\$ 28,500			\$	5,000	\$ 33,500
11	114010	5	High	4052	General Investigations	1996	Sedan	\$ 23,000					\$ 23,000
12	150192	3	High	4064	Swat/Grip Unit	1998	Squad Sedan	\$ 23,000			\$	5,000	\$ 28,000
13	150196	3	High	4064	Swat/Grip Unit	1998	SUV Tahoe, Pursuit	\$ 28,500			\$	5,000	\$ 33,500
14	150200	3	High	4064	Swat/Grip Unit	1999	SUV Tahoe, Pursuit	\$ 23,000			\$	5,000	\$ 28,000
15	150260	3	High	4016	Airport Security	2002	Squad Sedan	\$ 23,000			\$	5,000	\$ 28,000
16	150264	3	High	4016	Airport Security	2003	SUV Tahoe, 4WD	\$ 29,000			\$	5,000	\$ 34,000
17	150247	3	High	4021	Traffic Patrol	2001	SUV Tahoe, Pursuit	\$ 28,500			\$	5,000	\$ 33,500
18	150251	3	High	4021	Traffic Patrol	2001	Squad Sedan	\$ 23,000			\$	5,000	\$ 28,000
19	150254	3	High	4021	Traffic Patrol	2002	Squad Sedan	\$ 23,000			\$	5,000	\$ 28,000
20	150266	3	High	4021	Traffic Patrol	2003	Squad Sedan	\$ 23,000			\$	5,000	\$ 28,000
21	150223	3	High	4038	Criminal Justice	2000	SUV Tahoe, 4WD	\$ 29,000			\$	5,000	\$ 34,000
22	150210	3	Med	4064	Swat/Grip Unit	2000	SUV Tahoe, Pursuit	\$ 28,500			\$	5,000	\$ 33,500
23	150230	3	High	4064	Swat/Grip Unit	2000	Squad Sedan	\$ 23,000			\$	5,000	\$ 28,000
24	150227	3	High	4081	Courts	2000	Sedan	\$ 23,000					\$ 23,000
25	150253	3	High	4081	Courts	2000	Sedan	\$ 23,000					\$ 23,000

WO112-DETAIL LIST

Med = Important Piece

								CHASSIS	633	635	Other		
	EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	MAIN			Attachments/	TOTAL	
LINE	NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	UNIT	Plow	Wing	Equipment	BUDGET	
26	150224	3	High	4077	Training	2000	Squad Sedan	\$ 23,000			\$ 5,000	\$ 28,000	
27	152336	5	Med	4064	Swat/Grip Unit	1994	Mini Van 4 x 2	\$ 21,000				\$ 21,000	
28	150261	3	Med	4021	Traffic Patrol	2002	SUV Tahoe, Pursuit	\$ 28,500			\$ 5,000	\$ 33,500	
29	150263	3	Med	4021	Traffic Patrol	2002	SUV Tahoe, Pursuit	\$ 28,500			\$ 5,000	\$ 33,500	
30	150268	3	Med	4021	Traffic Patrol	2003	SUV Tahoe, Pursuit	\$ 28,500			\$ 5,000	\$ 33,500	
31	150269	3	Med	4021	Traffic Patrol	2003	Squad Sedan	\$ 23,000			\$ 5,000	\$ 28,000	
32	150270	3	Med	4021	Traffic Patrol	2003	Squad Sedan	\$ 23,000			\$ 5,000	\$ 28,000	
33	150277	3	Med	4021	Traffic Patrol	2003	Squad Sedan	\$ 23,000			\$ 5,000	\$ 28,000	
34	150278	3	Med	4021	Traffic Patrol	2003	Squad Sedan	\$ 23,000			\$ 5,000	\$ 28,000	
35	114003	5	Med	4052	General Investigations	1995	Sedan	\$ 23,000				\$ 23,000	
36	114013	5	Med	4052	General Investigations	1996	Sedan	\$ 23,000				\$ 23,000	
37	152330	5	Med	4052	General Investigations	1994	Mini Van 4 x 2	\$ 21,000				\$ 21,000	
38	152344	5	Med	4052	General Investigations	1997	Mini Van 4 x 2	\$ 21,000				\$ 21,000	
39	150084	5	Med	4062	Drug Unit	1992	Mini Van 4 x 2	\$ 21,000				\$ 21,000	
40	150158	3	Med	4016	Airport Security	1997	SUV Tahoe, 4WD	\$ 29,000			\$ 5,000	\$ 34,000	
												\$ 938,500	
PARKS													
41	173165	5	High	9000	Parks	2005	Beach Cleaner	\$ 60,000				\$ 60,000	
42	173166	5	High	9036	Golf Operations	1992	Turf Vehicle	\$ 19,000				\$ 19,000	
43	173151	5	High	9155	South Region	1989	Turf Vehicle	\$ 19,000				\$ 19,000	
		10	High	5081	A&E	1994	4x4 Extended Cab	\$ 25,000				\$ 25,000	
												\$ 123,000	
OTHERS													
44	114006	5	High	4501	District Attorney	1992	Sedan	\$ 22,000				\$ 22,000	
45	101053	6	High	6363	BHD-Rehab Ctr Hilltop	1988	15 Passenger Van	\$ 26,000				\$ 26,000	
46		5	High	9523	Zoo		Snow Bucket For Skid Steer				\$ 6,000	\$ 6,000	
												\$ 54,000	
SUBTOTAL OF WO112014-GENERAL FLEET EQUIPMENT												\$ 1,901,500	

HIGH = Critical Piece

Med = Important Piece

Low = Standard Replacement Piece

								CHASSIS	633	635	Other	
EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	MAIN				Attachments/	TOTAL
LINE NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	UNIT	Plow	Wing		Equipment	BUDGET
AIRPORT-PASSENGER FACILITY CHARGES												
47	112222	12	Low	5051	Airport/PFC	1990 Patrol Truck, Tandem Dump & Flow	\$ 85,000	\$ 15,000	\$ 11,000	\$	64,000	\$ 175,000
48	112224	12	Low	5051	Airport/PFC	1990 Patrol Truck, Tandem Dump & Flow	\$ 85,000	\$ 15,000	\$ 11,000	\$	64,000	\$ 175,000
SUBTOTAL OF WO112024-AIRPORT PFC FUNDS												\$ 350,000
GRAND TOTAL												\$ 2,251,500

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO201	Project Title and Location Enterprise Server	4789-2005
Requesting Department or Agency Information Management Services Division	Functional Group General Government	
Department Priority 1	Person Completing Form Elizabeth Thundercloud	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,756,433				\$1,756,433
2005	\$4,000,000				\$4,000,000
2006	\$513,048				\$513,048
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$6,269,481	\$0	\$0	\$0	\$6,269,481

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$546,433	\$20,000		\$566,433
Construction & Implementation	\$4,500,000			\$4,500,000
Right-of-Way Acquisition				\$0
Equipment	\$710,000	\$493,048		\$1,203,048
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees	\$546,433	\$20,000		\$566,433
Professional Services	\$4,500,000			\$4,500,000
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$710,000	\$493,048		\$1,203,048
Other Expenses				\$0
Total Project Cost	\$5,756,433	\$513,048	\$0	\$6,269,481

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	\$200,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$313,048
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$513,048

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$743,115
2004 Expenditures	\$385,801
2005 Expenditures	\$223,921
Total Expenditures to Date	\$1,352,837
Encumbrances	\$415,796
Available Balance	\$3,987,800

Project Annual Operating Costs

Net Annual Depreciation	\$0
Change in Operating Costs	\$1,699,622
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
6/15/2005
Complete Final Plans & Specifications
12/31/05
Begin Construction
1/1/05
Complete Construction
12/31/10
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO201 - Enterprise Server

An appropriation of \$513,048 is budgeted for storage and backup system infrastructure and a billing for the Highway and Transportation Divisions of the Department of Parks and Public Infrastructure (DPPI). The project consists of \$117,717 for a Centralized Disk to Disk Backup System; \$193,331 for a Storage Subsystem; and \$200,000 to replace the DPPI-Highway Maintenance and Transportation billing system. Financing will be provided by \$313,048 in general obligation bonds and \$200,000 in sales tax revenue.

WO20107 - DPPI Highway Maintenance and Transportation Billing System

An appropriation of \$200,000 is budgeted to execute the development of replacement billing systems for the Highway Maintenance and Transportation departments. Financing will be provided by sales tax revenue.

A replacement billing system is needed to take the place of current system (Falcon), which is over 25 years old. Billing programs are needed to accumulate expenditures, report and bill costs to the Wisconsin Department of Transportation (WISDOT), local municipalities and outside agencies. Subsequent recovery of costs cannot be accomplished without accurate and timely reports. The principal portion of each department's revenue budget is dependent upon a professional, detailed, precise billing program.

It is anticipated that two separate programs would be developed since the information that is required is not the same for both Highway and Transportation departments.

Benefits of the billing programs consist of the following:

- Compatibility with the payroll labor distribution to accumulate labor costs, including overtime, shift/weekend differentials, special premiums, and different rates of pay.
- Ability to interface with Advantage purchasing documents to bill specified material costs.
- Identify equipment used and equipment rates as set by WISDOT.
- Accumulate costs on an annual basis including each interim or monthly bill. Only interim or monthly bills are currently available.
- Provide detail in a WISDOT required format, including codes for projects and activities.
- Gather data for multiple year-end reports as requested by WISDOT.
- Capacity to accumulate, analyze and verify costs charged to other county departments through job authorizations.

WO20108 - Centralized Disk to Disk Backup System

An appropriation of \$117,717 is budgeted to create a centralized disk-to-disk backup/recovery solution to manage data using high-speed disk storage and a tape interface for off-site storage requirements. Financing will be provided by general obligation bonds.

The current backup/recovery environment has been very problematic. The current backup and recovery infrastructure is distributed in multiple buildings and with older/lower cost equipment. IMSD staff is spending a significant amount of time resolving backup problems due to our current infrastructure, and the duration of our current weekly backup process negatively affects the availability of the applications for our end-users/customers. Milwaukee County is at great risk of data loss in the event of hardware failures due to our aging backup/recovery infrastructure.

IMSD recommends the approval of a centralized disk-to-disk backup/recovery solution to manage business critical data using high-speed disk storage devices and a tape interface for off-site storage requirements. The implementation of this solution will allow IMSD to re-deploy 1 staff member to other duties once this solution is implemented. The budget provides for the following equipment and consultant costs for implementation:

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO201- Enterprise Server- (Continued)

Disk Storage	\$ 39,758
TSM Software	\$ 23,016
Tape Library	\$ 38,943
Consulting 160 hours @ 100	<u>\$ 16,000</u>
Total Budget:	\$117,717

Expenditures for the Centralized Disk To Disk Backup System are limited to capitalized items only. The consultant services are limited to those relating to the capitalized items in the table.

WO20109 - Storage Area Network

An appropriation of \$195,331 is budgeted to purchase and implement additional infrastructure components for a storage area network. Financing will be provided by general obligation bonds.

In 2005, as part of the Project WO209 Courthouse Communications Equipment Facilities, Milwaukee County is purchasing the base infrastructure for a storage area network. Department of Administrative Services - Information Management Services Division (DAS-IMSD) has identified the additional infrastructure components required to complete the rollout of this architecture and gain the full benefit of this implementation. In the current environment, every server maintains its own data and backup capabilities. This leads to a higher cost for each server and the requirement to manage data in multiple server infrastructures, including backups. The implementation of a Storage Area Network (SAN) will enable DAS-IMSD to store and manage all of its data in one location, at a higher degree of reliability, and with greater efficiency. This will also allow DAS-IMSD to reduce the cost of our low-end servers from \$11,000 to \$6,000 due to the reduction in internal storage and RAID controllers that are no longer needed in each individual server. The budget provides for the following equipment and consultants cost for implementation:

Storage Area Network switch	\$ 23,478
Storage	\$116,997
Network Adapters	\$ 48,000
Rack	\$ 2,856
Consulting 40 hours @ \$100	<u>\$ 4,000</u>
Total Budget:	\$195,331

Expenditures for the Storage Area Network are limited to capitalized items only. The consultant services are limited to those relating to the capitalized items in the table.

Any surplus appropriations available upon completion of an approved project must be lapsed at years-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

IMSD Staffing Plan

IMSD staff will be responsible for the project management, acquisition and deployment of this computer equipment.

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2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WO205	Project Title and Location Fiscal Monitoring System	4789-2006
Requesting Department or Agency DAS - Fiscal Affairs Division		Functional Group General Government
Department Priority 1	Person Completing Form Pamela Bryant	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$420,000				\$420,000
2005	\$250,000				\$250,000
2006	\$350,000				\$350,000
2007	\$250,000				\$250,000
2008	\$250,000				\$250,000
2009	\$250,000				\$250,000
2010	\$250,000				\$250,000
SUBSEQUENT	\$250,000				\$250,000
TOTAL	\$2,270,000	\$0	\$0	\$0	\$2,270,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$652,500	\$350,000	\$1,250,000	\$2,252,500
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$17,500			\$17,500
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$652,500	\$350,000	\$1,250,000	\$2,252,500
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$17,500			\$17,500
Total Project Cost	\$670,000	\$350,000	\$1,250,000	\$2,270,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	\$250,000
Miscellaneous Revenue	
Property Tax Revenue	\$100,000
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash	
Contributions	
Other Revenue	
Total Budget Year Financing	\$350,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$335,700
2004 Expenditures	\$73,050
2005 Expenditures	\$41,080
Total Expenditures to Date	\$449,830
Encumbrances	\$170,119
Available Balance	\$50,051

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Implementation April 2005
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO205 – Fiscal Monitoring System

An appropriation of \$350,000 is budgeted to continue the development of a monitoring system to improve fiscal reporting for more efficient, effective and timely decision-making. Financing will be provided by \$250,000 in sales tax revenue and \$100,000 in property tax revenue.

In 2002, an appropriation was approved to develop an Access database to be used for fiscal monitoring of capital projects. The database provides departments with a check and balance system against Advantage financial system software as well as enabling staff to manage historical data on capital projects. Through the Capital Finance intranet site (CAPFIN), staff can monitor and analyze daily and monthly information for operating and capital budgets. The database further allows departments to search, view and download both operating and capital fiscal data through the County's intranet. Since Advantage reports do not allow changes in the capital budgeted amounts, the reports that are produced by the database and CAPFIN have become the mechanisms for capital reporting.

Benefits of the monitoring system consist of the following:

- Timely processing and abstracting data
- Ability to manipulate and analyze data
- Decreased reliance upon paper fiscal reports
- Decreased staff time devoted to obtaining data for reporting and analysis
- Increased staff time devoted to analyzing data
- Decrease reliance on outmoded mainframe technology of the mainframe by use of data warehousing

There is still work to be done to streamline the system. Feedback from departments on the database and intranet has been positive and the changes that have been made based on their input have resulted in an improved monitoring system. The projects listed below are based on feedback from departments.

Some of the financial and fiscal efficiency improvements consist of the following:

- Parks Department: The entry of cash receipts from the Fairway Point of Sale System has been semi-automated and interfaced with the Advantage System. This will improve the tracking of golf revenues and allow for a more efficient deployment of staff. The relocation of the Parks servers to the County's network will complete the automation process.
- Central Accounting: The automation of the manual process for entering monthly appropriation transfers and carryovers from excel spreadsheets. The automation process consists of uploading the formatted data in the spreadsheet into Advantage System. In addition, the allocation of bond proceeds and sales tax revenue and year-end closing entries for encumbrances will be uploaded into Advantage System instead of printing the source document for staff to enter into the system.
- Accounts Payable: The automation of vendor process for Corporate Express, which involve creating an interface with Advantage so that expenditures are able to be automatically loaded into the system. This will decrease the amount of processing time for Accounts Payable staff and will allow the Division to redeploy staff to other areas.
- All Departments: The development of the intranet site has allowed departments to download operating and capital information for analysis and to prepare the carryover requests. This has significantly reduced the amount of time to prepare the carryover requests. The time will be further reduced once the intranet site that has been designed for preparing the carryovers has been deployed.
- Risk Management: Purchase Vouchers that were previously manually entered into the Advantage System are loaded through an interface that was created between Advantage and the Risk Management software.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO205 – Fiscal Monitoring System (Continued)

The continued reduction of staff time devoted to data entry and correcting errors will allow more time to be spent on discussions with departments as to the progress of capital project or programs, analysis and other tasks.

Some of the projects that are in progress or planned for the future consist of the following:

- DAS-Fiscal Affairs: Automation of the carryover process that consists of automatic loading of balances eligible for carryover. The automation of the carryover process has not been completed but upon completion departments will be able to review the balances using the intranet and adjust the amount if they do not wish to carry over the balance. Since most departments request the balances to be carried over, this should further reduce the amount of time to prepare the carryover requests. The amount of time that it takes the Fiscal Affairs Division to prepare recommendations once the requests are received from departments should be significantly reduced since the re-keying of the departments request and reformatting of the final report will be eliminated. In addition, the automation will improve communication with departments and DAS-Fiscal regarding the development of the budgeted amount.
- DAS-Fiscal Affairs: Automation of the unspent bond and arbitrage calculations is a part of the automation of the carryover process. Departments will be able to view the unspent bond balance, Federal expenditure target amount, target date and potential penalty amount. This will allow departments to better manage the project fiscally and potentially avoid arbitrage penalties.
- Zoological Department: Uploading cash receipts and journal vouchers and creating an interface with the Zoo Point of Sale System.
- Information Management Division: Decrease the amount of printed reports. The County produces 40-50,000 pages monthly of reports from the Advantage system. PDF files of the reports will be created and posted so that they are available for departments. In addition, County departments have numerous independent financial systems, which results in manually transferring data to the Advantage System, the County's Financial System. To transfer information into the Advantage Financial System, departments print reports out of their local systems and then manually enter the data into the Advantage Financial System. Depending on the amount of information entered into the Advantage Financial System, this can be a laborious time consuming task.
- Accounts Payable: Working with utility companies so that the payments can be automated. In addition, automate check requests and auto mileage templates so that they can be uploaded into the Advantage system.
- Fiscal Trend Analysis: Allowing departments to track daily expenditures and revenues with same point in time data from previous years going back to 1999.
- Data Warehouse: Data is currently stored on the County's outdated mainframe. This data will have to be purged as a part of the natural cycle of this equipment. The County will have to warehouse the information that is currently on the mainframe by creating a data warehouse. The proposed changes to the monitoring database will start the process of warehousing data for the County.

The \$350,000 appropriation will be used to pay for consultant services for programming and other needs, and business software to provide the tools to improve the efficiency and effectiveness of fiscal budgeting, analysis and reporting. In addition, IMSD staff along with the consultant will look to use software tools to decrease the reliance of paper reporting and utilization.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

A consultant will be hired for programming. DAS-IMSD Division will provide assistance to DAS-Fiscal Affairs to implement the project.

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2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WO301	Project Title and Location Countywide Technical Infrastructure	4789-2005
Requesting Department or Agency Information Management Services Division		Functional Group General Government
Department Priority 5	Person Completing Form Bill Fleming	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$2,167,096				\$2,167,096
2004	\$350,000				\$350,000
2005	\$912,839				\$912,839
2006	\$500,000				\$500,000
2007	\$500,000				\$500,000
2008	\$500,000				\$500,000
2009	\$500,000				\$500,000
SUBSEQUENT					\$0
TOTAL	\$5,429,935	\$0	\$0	\$0	\$5,429,935

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2005 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$2,517,096	\$962,214	\$2,000,000	\$5,479,310
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2005 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$2,517,096	\$962,214	\$2,000,000	\$5,479,310
Other Expenses				\$0
Total Project Cost	\$2,517,096	\$962,214	\$2,000,000	\$5,479,310

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$912,839
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$912,839

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,217,813
2003 Expenditures	\$924,975
2004 Expenditures	\$351,997
Total Expenditures to Date	\$2,494,785
Encumbrances	\$17,730
Available Balance	\$4,580

Project Annual Operating Costs

Net Annual Depreciation	\$0
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO301 Countywide Technical Infrastructure

An appropriation \$912,839 is budgeted for the purchase of replacement computer equipment Countywide as specified on the following page. The appropriation enables the purchase of computers, servers, printers, switches, and laptops.

Background

During the 2001 budget process, Milwaukee County began an initiative to consolidate purchases of computer equipment under one capital project to further the centralized management of Information Technology (IT) resources and improve tracking of IT expenditures.

During the budget processes, departments submit requests for computer equipment to the Information Management Services Division (IMSD). The consolidation of the 2006 county-wide program is presented on the following page.

During 2005, this process provided for the purchase of 43 computers to support new programs.

In 2002, IMSD developed a computer replacement schedule, identifying the models and ages of the personal computer inventory totaling 4,419. Age of the computers, as well as department's core missions, health, safety and security issues and increased productivity were considered.

As a result, appropriations to replace 366 personal computers were included in the 2003 budget. A 2002 carryover of surplus funds provided the ability to purchase an additional 134 replacement computers, providing for the replacement of 500 computers in 2003.

During 2004 (year two of the replacement plan), 269 computers were included in the 2004 budget for replacement. A 2003 carryover of surplus funds provided the ability to purchase an additional 248 replacement computers, providing for the replacement of 517 computers in 2004.

During 2005 (year three of the replacement plan), 339 computers were included in the 2005 budget for replacement.

During 2006 (year four of the replacement plan), 493 computers and 25 tablet personal computers are scheduled for replacement. Equipment reaching the five-year mark will continue to be replaced in each subsequent year of the plan. These equipment replacements are necessary, because the use of currently developed software is having a difficult time functioning on our existing five years and older computer equipment.

Also scheduled for replacement during 2006 are servers that are past their useful life, and are unable to effectively support the current operating systems being deployed at Milwaukee County. The currently installed servers have insufficient processor speed and memory to effectively support our business applications.

The technology industry is constantly improving software and equipment and, by obtaining newer software and equipment, Milwaukee County departments support their changing statutory, contractual, and business processes.

Any surplus appropriations available upon completion of an approved project must be lapsed at years-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

IMSD Staffing Plan

IMSD staff will be responsible for the project management, acquisition and deployment of this computer equipment.

WO301 - Countywide Technical Infrastructure

Sub- Project	Org.	Department	Description	Monitor Size	New/ Replacement	Qty	Price	Total
WO30102	4501	District Attorney	CMPTR (Std. Laptop)		Replacement	1	\$1,625	\$1,625
WO30102	4501	District Attorney	PRNTR5(Printer/Plotter 42")		Replacement	1	\$8,000	\$8,000
WO30103	5081	DPW-A & E	COMP3(High End Desktop)		Replacement	6	\$4,000	\$24,000
WO30103	5081	DPW-A & E	CMPTR (Laptop w/ docking station)		Replacement	4	\$2,500	\$10,000
WO30103	5081	DPW-A & E	Survey Data Collector		Replacement	2	\$3,500	\$7,000
WO30103	5300	DPPI-Fleet Management	Switch - 48 Port Hub		Replacement	2	\$6,000	\$12,000
WO30104	9500	Zoo	COMP2 (Std. Desktop PC-CPU & Mntr)		Replacement	15	\$1,125	\$16,875
WO30104	9500	Zoo	Color LaserJet Printer		Replacement	1	\$1,700	\$1,700
WO30104	9500	Zoo	SERVER1(Department-low end)		Replacement	1	\$11,000	\$11,000
WO30104	9500	Zoo	Switch - WS-C3550-12G		Replacement	4	\$7,574	\$30,295
WO30104	9500	Zoo	Switch - WS-C3750-48PS-S		Replacement	3	\$6,310	\$18,930
WO30104	9500	Zoo	Switch - WS-C3750-24PS-S		Replacement	15	\$3,885	\$58,275
WO30104	9500	Zoo	Switch - WS-C2950G-12-EI		Replacement	1	\$2,193	\$2,193
WO30111	6300	BHD-Various Departments	COMP2 (Std. Desktop PC-CPU & Mntr)		Replacement	227	\$1,125	\$255,375
WO30111	6554	BHD-A/R	PRNTR3 (Laser/Workgroup)		Replacement	1	\$2,500	\$2,500
WO30111	6556	BHD-MIS	PRNTR2 (Laser/Workteam)		Replacement	3	\$2,000	\$6,000
WO30111	6300	BHD	SERVER - RS/6000		Replacement	1	\$24,071	\$24,071
WO30114	1160	IMSD	COMP2 (Std. Desktop PC-CPU & Mntr)		Replacement	3	\$1,125	\$3,375
WO30114	1160	IMSD - Various Departments	COMP1(Std. Desktop PC-CPU only) - Replacement		Replacement	150	\$1,125	\$168,750
WO30114	1160	IMSD	SERVER1(Department-low end)		Replacement	8	\$11,000	\$88,000
WO30114	1160	IMSD	SERVER2(Enterprise-high end)		Replacement	3	\$18,000	\$54,000
WO30115	1000	County Board	COMP2 (Std. Desktop PC-CPU & Mntr)		Replacement	2	\$1,125	\$2,250
WO30116	1001	Audit	CMPTR (Std. Laptop)		Replacement	8	\$1,625	\$13,000
WO30116	1001	Audit	PRNTR2 (Laser/Workteam)		Replacement	2	\$2,000	\$4,000
WO30118	9000	Parks	COMP2 (Std. Desktop PC-CPU & Mntr)		Replacement	35	\$1,125	\$39,375
WO30123	2430	Child Support Enforcement	CMPTR (Std. Laptop)		Replacement	6	\$1,625	\$9,750
WO30125	7912	Aging	COMP2 (Std. Desktop PC-CPU & Mntr)		Replacement	36	\$1,125	\$40,500
Grand Total:						566		\$912,839

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2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WO411	Project Title and Location Mobile Data Computers	4789-2005
Requesting Department or Agency Sheriff		Functional Group General Government
Department Priority 1	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$189,530				\$189,530
2005	\$213,000				\$213,000
2006	\$125,840				\$125,840
2007	\$165,000				\$165,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$693,370	\$0	\$0	\$0	\$693,370

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$402,530	\$125,840	\$165,000	\$693,370
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Png & Construction				\$0
Equipment & Furnishings	\$402,530	\$125,840	\$165,000	\$693,370
Other Expenses				\$0
Total Project Cost	\$402,530	\$125,840	\$165,000	\$693,370

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$125,840
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$125,840

Cost Estimates Prepared By William Robedeau	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$156,975
2005 Expenditures	\$0
Total Expenditures to Date	\$156,975
Encumbrances	\$245,515
Available Balance	\$40

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO411-Mobile Data Computers

An appropriation of \$125,840 is budgeted for the third and final year of a three-year replacement cycle for the mobile data computers (MDCs) located in the Sheriff's squad cars. Financing is provided by general obligation bonds.

The Patrol and Communications Division use MDCs to access the State of Wisconsin's Transaction Information for Management of Enforcement (TIME) system to receive current driver license information, criminal history information and the result of wanted checks regarding subjects and vehicles. There are 64 MDCs department-wide.

In 2004, the Sheriff's Office budgeted the replacement of 24 MDCs at a cost of \$8,000 for a total of \$192,000. The actual cost per MDC, however, rose to \$8,727, therefore, only allowing the purchase of 22 MDCs. The 2005 number was adjusted to reflect the increase amount in 2004. The cost increased again for 2006 to \$9,680. The two units originally scheduled for purchase in 2004 have been rescheduled for purchase in 2005, maintaining the amount of total MDCs purchased during the three-year replacement cycle at 64. However, the Sheriff's Department will be retiring several vehicles that have new MDC. This decommissioning reduced the number of MDC's scheduled for purchase in 2006.

The following is the revised proposed replacement schedule for the sixty-four MDCs:

2004	22 units at \$8,727 each = \$192,000
2005	24 units at \$8,875 each = \$213,000
2006	13 units at \$9,680 each = \$125,840

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The Sheriff's Office will be responsible for project management with assistance from Department of Administrative Services - Information Management Services Division.

2006 ADOPTED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WO419	Project Title and Location CJF Property Conveyor Belt	4789-2005
Requesting Department or Agency Sheriff		Functional Group General Government
Department Priority 2	Person Completing Form Molly Pahl	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$150,000				\$150,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$150,000	\$0	\$0	\$0	\$150,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment		\$150,000		\$150,000
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$150,000		\$150,000
Other Expenses				\$0
Total Project Cost	\$0	\$150,000	\$0	\$150,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$150,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$150,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO419 – CJF Property Conveyor Belt

An appropriation of \$150,000 is budgeted to replace the inmate property room conveyor belt system. Funding will be provided with general obligation bonds.

The current system is 13 years old and was installed with the opening of the building in 1992. The conveyor has experienced numerous malfunctions and employees had to use a ladder in order to retrieve the property bags. Workers compensation claims could result if an employee suffers an injury due to bag retrieval, leading to employee injuries and lost property claims against Milwaukee County. The current estimate for repair of the conveyor belt is \$1,108 annually.

A maintenance clause needs to be negotiated in the next contract, so the total cost includes any mechanical malfunction/issues.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The Sheriff's Office and Department of Public Works staff will be responsible for overall project management. The DPW Project Manager is Jack Takerian. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO500	Project Title and Location War Memorial HVAC Renovation		4789-2005
Requesting Department or Agency War Memorial Center		Functional Group General Government	
Department Priority 1	Person Completing Form Thomas C. Voigt	Date November 16, 2005	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005	\$455,000				\$455,000
2006	\$1,378,100				\$1,378,100
2007	\$1,504,000				\$1,504,000
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$3,337,100	\$0	\$0	\$0	\$3,337,100

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$192,000	\$103,100	\$196,740	\$491,840
Construction & Implementation	\$263,000	\$1,275,000	\$1,304,000	\$2,842,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other			\$3,260	\$3,260
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$160,000	\$41,000	\$78,240	\$279,240
DPW Charges	\$32,000	\$62,100	\$118,500	\$212,600
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.			\$3,260	\$3,260
Buildings/Structures	\$263,000	\$1,275,000	\$1,304,000	\$2,842,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$455,000	\$1,378,100	\$1,504,000	\$3,337,100

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,378,100
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$1,378,100

Cost Estimates Prepared By Thomas C. Voigt	DPW Review By Walter Wilson
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$139,439
Total Expenditures to Date	\$139,439
Encumbrances	\$130,902
Available Balance	\$184,659

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications 8/05
Begin Construction 9/05
Complete Construction 10/07
Scheduled Project Closeout 12/07

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO500 – War Memorial HVAC Renovation

An appropriation of \$1,378,100 is budgeted in 2006 to complete the first phase of an HVAC System Renovation project at the War Memorial. Financing will be provided from general obligation bonds.

Design and planning work began for this project in 2005 and was divided into two phases so that the first phase of construction work could move ahead in 2005 and the second phase of construction work could begin and be completed by 2007. In 2005, \$455,000 was approved to provide for the planning, design, bidding and construction of the first phase. This appropriation will provide an additional \$1,378,100 required to complete the first phase of work before April 2006. The second phase of construction work will take place in 2007 and require another \$1,504,000 to cover the cost of an important boiler replacement and related HVAC equipment upgrades.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager is Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO501	Project Title and Location War Memorial Center North Entrance	4789-2005
Requesting Department or Agency		Functional Group General Government
Department Priority	Person Completing Form	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2005					\$0
2006	\$300,000				\$300,000
2007					\$0
2008					\$0
2009					\$0
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$300,000	\$0	\$0	\$0	\$300,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$0		\$0
Construction & Implementation		\$300,000		\$300,000
Right-of-Way Acquisition		\$0		\$0
Equipment				\$0
Other		\$0		\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees		\$0		\$0
Professional Services		\$0		\$0
DPW Charges		\$0		\$0
Capitalized Interest		\$0		\$0
Park Services		\$0		\$0
Disadv. Business Serv.		\$0		\$0
Buildings/Structures		\$300,000		\$300,000
Land/Land Improvements		\$0		\$0
Roadway Plng & Construction		\$0		\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$300,000	\$0	\$300,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$300,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$300,000

Cost Estimates Prepared By William Robedeau	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2004 Expenditures	\$0
2005 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO501 - War Memorial Center North Entrance

An appropriation of \$300,000 is budgeted in 2006 for the planning and design for the renovation and feasibility of constructing a new north entrance to the War Memorial building and a parking structure on the north side of the building. Additionally the appropriation will be used for various projects as identified in the facility study prepared by Eppstein Uhen Architects for the War Memorial in March of 2002. Financing will be provided from general obligation bonds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager will be Walter Wilson. Specialized consultants will be retained as needed.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO860	Project Title and Location Countywide Handicapped Accessibility Program	4789-2005
Requesting Department or Agency Office for Persons with Disabilities		Functional Group General Government
Department Priority	Person Completing Form Ivars Zusevics	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,684,505	\$36,480			\$1,648,025
2005	\$172,000				\$172,000
2006	\$346,437				\$346,437
2007	\$592,000				\$592,000
2008	\$502,000				\$502,000
2009	\$502,000				\$502,000
2010					\$0
SUBSEQUENT					\$0
TOTAL	\$3,798,942	\$36,480	\$0	\$0	\$3,762,462

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$190,980	\$49,437		\$240,417
Construction & Implementation	\$1,001,419	\$297,000	\$1,596,000	\$2,894,419
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$664,106			\$664,106
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$80,575	\$8,000		\$88,575
DPW Charges	\$110,405	\$41,437		\$151,842
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$1,001,419	\$297,000	\$1,596,000	\$2,894,419
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$664,106			\$664,106
Total Project Cost	\$1,856,505	\$346,437	\$1,596,000	\$3,798,942

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$346,437
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$346,437

Cost Estimates Prepared By Scott Smith	DPW Review By Ivars Zusevics
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,301,365
2004 Expenditures	\$321,820
2005 Expenditures	\$44,167
Total Expenditures to Date	\$1,667,353
Encumbrances	\$79,490
Available Balance	\$109,662

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition n/a
Complete Preliminary Plans 3/1/06
Complete Final Plans & Specifications 4/1/06
Begin Construction 6/1/06
Complete Construction 10/1/06
Scheduled Project Closeout various

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO860 -Countywide Handicapped Accessibility Program

An appropriation of \$346,437 is budgeted to provide for facility accessibility requirements in compliance with the Americans with Disabilities Act (ADA) for designated County facilities. This appropriation would be financed by \$346,437 in general obligation bonds.

The appropriation would complete the highest priority projects established by the Office for Persons with Disabilities. These projects include accessibility improvements to various County facilities.

The Americans with Disabilities Act (ADA) is a comprehensive anti-discrimination mandate for persons with disabilities, providing civil rights protection comparable to those in force for women and minorities. Title II of the ADA mandates that entities such as the County comply with "program accessibility" requirements after June 26, 1992. This means that a public entity must ensure that the operation of each service, program, and activity is readily accessible to and useable by persons with disabilities. The Act further states that public entities that employ 50 or more persons and elect to undertake physical changes to their facilities to achieve "program accessibility" must formulate a "transition plan" to accomplish the changes. These changes must be in conformance with the Uniform Federal Accessibility Standards or the ADA Accessibility Guidelines.

Milwaukee County makes accessibility improvements to its facilities under the guidelines of the previous Federal Accessibility Law: Section 504 of "The Rehabilitation Act of 1973." These improvements were done in response to two major accessibility studies conducted on Countywide facilities: The FIad Report was done in 1979 to determine compliance with the requirements of Section 504 of the "Rehabilitation Act of 1973," and The Pfaller, Herbst Report, "Handicapped Building Accessibility Study," was completed in 1984 as an update to the earlier study.

ADA extended modification requirements of the Rehabilitation Act to all public facilities and programs, whether they received Federal assistance or not. In response to this mandate, Milwaukee County's Office for Persons with Disabilities conducted a Countywide evaluation of programs and services accessibility in 1992 and again a Departmental update in 2002. This self-evaluation provided additional data on modifications to be added to the original 1984 countywide study.

These three studies and two decades of ongoing accessibility improvements form the basis for Milwaukee County's continuing efforts to comply with applicable law. The Office for Persons with Disabilities reviewed the modifications recommended in the previous studies and the Countywide "self-evaluations," and selected those considered priorities.

The following projects are budgeted for 2006:

Martin Luther King, Jr. Community Center - It is recommended that \$269,437 be allocated to correct accessibility deficiencies at this Community Center in 2006. This facility, located at 1531 W. Vliet Street, is one of two Centers operated by the Division of Parks. This facility serves a large and diverse constituency with a wide variety of community-oriented programs, services, and activities. The building renovations require modification to the restrooms, installation of power doors and accessible hardware, widening of doorways, providing accessible drinking fountains, etc.

Accessible Play Area Surfaces - In concert with the Division of Parks, \$77,000 is budgeted to install accessible play surfaces in six Milwaukee County Parks. This would be an initial investment in a three-year project. These play areas have been renovated to provide inclusive play areas for children. Replacement of surfaces will be accomplished at locations throughout Milwaukee County. The play area surfaces scheduled for replacement must meet the unit cost threshold of \$2,500 for capitalized equipment items.

For 2006, \$150,000 has been included in the operating budget for the Office for Persons with Disabilities to finance minor accessibility repairs and expensed equipment items. Expensed equipment items have a unit cost that is less than \$2,500. The Office for Persons with Disabilities and DAS-Fiscal Affairs will manage implementation of the maintenance program.

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO860 -Countywide Handicapped Accessibility Program (Continued)

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. The DPW Project Manager is Walter Wilson. Specialized consultants will be retained as needed.

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2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO870	Project Title and Location County Special Assessments	4789-2005
Requesting Department or Agency Department of Parks & Public Infrastructure		Functional Group Transportation Division
Department Priority 1	Person Completing Form Joan L. Vitense	Date November 16, 2005

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$4,081,654				\$4,081,654
2005	\$100,000				\$100,000
2006	\$300,000				\$300,000
2007	\$250,000				\$250,000
2008	\$250,000				\$250,000
2009	\$250,000				\$250,000
2010	\$250,000				\$250,000
SUBSEQUENT					\$0
TOTAL	\$5,481,654	\$0	\$0	\$0	\$5,481,654

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$500,000			\$500,000
Construction & Implementation	\$670,000			\$670,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$3,011,654	\$300,000	\$1,000,000	\$4,311,654
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2006 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$84,641		\$150,000	\$234,641
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$670,000			\$670,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$3,427,013	\$300,000	\$850,000	\$4,577,013
Total Project Cost	\$4,181,654	\$300,000	\$1,000,000	\$5,481,654

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	\$300,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	\$300,000

Cost Estimates Prepared By Benedict C. Eruchalu, P.E.	DPW Review By Ronald J. Rutkowski, P.E.
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$3,737,572
2004 Expenditures	\$422,295
2005 Expenditures	\$139,261
Total Expenditures to Date	\$4,299,128
Encumbrances	\$0
Available Balance	(\$117,474)

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition N/A
Complete Preliminary Plans N/A
Complete Final Plans & Specifications N/A
Begin Construction N/A
Complete Construction N/A
Scheduled Project Closeout Ongoing

2006 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO870 – County Special Assessments

An appropriation of \$300,000 is budgeted for special assessments levied on the County by local municipalities. This appropriation is financed by sales tax revenue.

Typically, the special assessments are for the installation of improvements such as street pavement, curb and gutter, sidewalks, water main and sewers in lands abutting County lands or facilities.

Staffing Plan

Overall, staff from the Department of Public Works, Transportation Division, will perform project management. The project manager will be Benedict C. Eruchalu.

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2006 ADOPTED CAPITAL IMPROVEMENTS

**FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
2006-2010**

Master Spreadsheet

Project Number	Project
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Project Number	Project	2006	2007			2007	2008		2008	2009	2010		
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	Sales Tax/Levy Reserve/PFC/Misc	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT
TRANSPORTATION AND PUBLIC WORKS													
AIRPORT													
WA006	GMIA C Concourse Gate Expansion-Construct	23,980,000	-	-	23,980,000	-	-	-	-	-	-	-	
WA014	GMIA Terminal Apron Joint Repair - Construct	588,775	515,178	73,597	-	-	-	-	-	-	-	-	
WA042	GMIA Baggage Claim Remodeling	1,695,750	-	1,695,750	1,695,750	-	14,570,000	-	13,858,188	-	-	-	
WA046	LJT Security Card Access Upgrade - Construct	119,505	116,517	2,988	-	-	-	-	-	-	-	-	
WA047	GMIA Outer Taxiway Extension	1,987,832	1,739,353	248,479	-	-	-	-	-	-	-	-	
WA061	GMIA E Concourse Stem Remodeling	9,320,299	-	-	9,320,299	-	-	-	-	-	-	-	
WA062	GMIA Firehouse Garage Addition	-	-	-	-	120,000	120,000	875,000	875,000	-	-	-	
WA072	LJT R/W & TW Rehabilitation - Construction	399,168	389,189	9,979	-	-	-	-	-	-	-	-	
WA082	Firehouse Road Replacement	-	-	-	-	824,000	103,000	-	-	-	-	-	
WA083	North Fixed Based Operator Apron Reconstruction	1,861,115	1,628,476	-	232,639	-	-	-	-	-	-	-	
WA084	Cessna Apron Addition - Construct	417,965	365,719	-	52,246	-	-	-	-	-	-	-	
WA085	West Perimeter Road Construction - Construct	460,041	402,536	57,505	-	-	-	-	-	-	-	-	
WA090	Firehouse Roof Replacement - Design	-	-	-	-	243,000	-	-	-	-	-	-	
WA092	Highway Salt Storage Roof Replacement	-	-	-	-	180,000	180,000	-	-	-	-	-	
WA093	GMIA South Maintenance Road - Construct	-	-	-	-	1,128,000	-	-	-	-	-	-	
WA095	GMIA Terminal Cable Tray System - Design	-	-	-	-	165,000	165,000	-	-	-	-	-	
WA096	GMIA Parking Structure Relighting	-	-	-	-	154,800	154,800	812,700	812,700	523,425	523,425	530,132	
WA098	GMIA Equipment Storage Building - Construct	-	-	-	-	700,000	-	-	-	-	-	-	
WA100	GMIA Security System Fiber Optic - Design	-	-	-	-	311,000	-	-	-	-	-	-	
WA	Total Airport	40,830,450	5,156,968	2,088,298	33,585,184	3,825,800	722,800	16,257,700	1,687,700	14,381,613	523,425	530,132	
HIGHWAY													
WH001	Traffic Hazard Elimination Program	-	-	-	-	-	-	-	-	-	-	-	
WH002	Inter-jurisdictional Traffic System	-	-	-	-	150,000	30,000	801,170	160,234	89,000	8,900	1,320,000	
WH010	S. 76th Street - Puetz to Imperial	760,000	684,000	-	76,000	1,430,000	173,000	10,844,840	1,299,968	2,867,500	376,000	8,425,000	
WH020	Major Rehabilitation - CTH	-	-	-	-	680,590	340,295	1,614,400	907,222	350,000	70,000	1,385,000	
WH030	Bridge Replacement Program	2,760,000	2,208,000	-	552,000	2,641,000	528,200	4,750,000	950,000	360,000	73,000	2,495,000	
WH082	National Highway System (NHS) - West Rawson Avenue	1,973,200	1,578,560	-	394,640	2,373,200	514,640	-	-	6,048,400	1,519,680	3,000,000	
WH083	West Silver Spring Drive	1,112,000	895,600	-	216,400	9,630,800	1,874,620	700,000	140,000	-	-	-	
WH084	S.76th St. , W. Parkview Drive	-	-	-	-	1,417,300	899,042	1,585,800	506,620	-	-	-	
WH086	West Good Hope Road	-	-	-	-	1,722,000	774,500	3,643,200	1,583,200	750,000	375,000	-	
WH087	Culvert Replacement Program	-	-	-	-	-	-	160,000	160,000	-	-	-	
WH201	Port Wash.Rd: Good Hope to County Line - Construct	1,790,000	1,611,000	-	179,000	-	-	-	-	-	-	-	
WH228	North Shop Improvements	-	-	-	-	500,000	500,000	2,000,000	2,000,000	-	-	-	
WH	Total Highways & Bridges	8,395,200	6,977,160	-	1,418,040	20,544,890	5,634,297	26,099,410	7,707,244	10,464,900	2,422,580	16,625,000	
TRANSIT													
WT011	Bus Replacement Program - Orion Buses	2,600,000	2,152,900	-	447,100	-	-	-	-	-	-	-	
WT014	Radios/AVL Upgrade - Design/Equipment	-	-	-	-	1,500,000	300,000	500,000	100,000	500,000	100,000	500,000	
WT019	Kinnickinnic Complex Repair Exterior Walls - Design/Construct	-	-	-	-	200,000	40,000	-	-	-	-	-	
WT022	MCTS Complex Renovation/Repair - Equipment	-	-	-	-	-	-	1,000,000	200,000	1,000,000	200,000	1,000,000	
WT026	New Flyer Buses - Equipment	-	-	-	-	-	-	-	-	11,450,000	2,061,000	11,800,000	
WT027	Fare Box Renovation - Equipment	-	-	-	-	-	-	5,000,000	1,000,000	-	-	-	
WT030	Replace TRAKS Fueling System- All Locations	-	-	-	-	-	-	600,000	120,000	-	-	-	
WT031	Roof Top Air Conditioning - Transit Admin. - Design/Equipment	-	-	-	-	500,000	100,000	-	-	-	-	-	
WT034	On Bus Camera System - Design/Construct/Equipment	1,560,000	1,248,000	-	312,000	-	-	-	-	-	-	-	

Master Spreadsheet

Project Number	Project	2006				2007		2008		2009		2010	
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	Sales Tax/Levy Reserve/PFC/Misc	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT
WT035	Replace Heater at Fond du Lac Garage - Design/Equipment	300,000	240,000		60,000		-		-		-		-
WT036	Replace Voice Response Unit MC1 - Design/Equipment	-	-		-	180,000	36,000		-		-		-
WT	Total Transit	4,460,000	3,640,900	-	819,100	2,380,000	476,000	7,100,000	1,420,000	12,950,000	2,361,000	13,300,000	2,424,000
	ENVIRONMENTAL		-		-		-		-		-		-
WV003	Countywide Stormwater Discharge Permit - NR216 - Construct		-		-		-	200,000	-	200,000	-	200,000	
WV005	Alternative Fuels Infrastructure		-		-		-	250,000	30,000	250,000	30,000		-
WV009	Countywide Sanitary Sewers	960,994	-	-	960,994	-	-	-	-	-	-	-	-
WV010	Hampton Landfill	-	-	-	-	96,000	-	900,000	-	-	-	-	-
WV011	Bradford Outfall	1,314,500	-	-	1,314,500	-	-	-	-	-	-	-	-
WV377	Franklin Landfill Closure	-	-	-	-	3,794,920	-	2,000,000	-	-	-	-	-
WV378	Nonpoint Point Pollution Control Program- Grantosa Creek BMP		-		-		-	200,000	200,000	200,000	200,000	200,000	200,000
WV	Total Environmental	2,275,494	-	-	2,275,494	3,890,920	-	3,550,000	230,000	650,000	230,000	400,000	200,000
			-		-		-				-		-
	Total Transportation and Public Works	55,961,144	15,775,028	2,088,298	38,097,818	30,641,610	6,833,097	53,007,110	11,044,944	38,446,513	5,537,005	30,855,132	7,557,132
	PARKS, RECREATION AND CULTURE MILWAUKEE PUBLIC MUSEUM				-		-				-		-
WM003	Electrical Distribution System Replacement	258,000	-	-	258,000	964,736	964,736	-	-	-	-	-	-
WM004	Museum Infrastructure Improvements	-	-	-	-	158,760	-	-	-	-	-	-	-
WM005	Museum Air Handling and Piping - Construct	-	-	-	-	-	-	606,000	606,000	606,000	606,000	606,000	606,000
WM007	Study & Modifications to HVAC Systems & Duct - Design	-	-	-	-	218,450	-	-	-	-	-	-	-
WM	Total Museum	258,000	-	-	258,000	1,341,946	964,736	606,000	606,000	606,000	606,000	606,000	606,000
	DEPT. OF PARKS, RECREATION & CULTURE		-		-		-		-		-		-
WP017	Countywide Trail & Hard Surface Replacement Program	316,000	-	-	316,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
WP028	Dineen Park Aquatic Splash Pad	51,750	-	-	51,750	438,000	438,000	-	-	-	-	-	-
WP034	Cool Waters Coping Stone/Heat Exchangers	-	-	-	-	-	-	-	-	300,000	300,000	-	-
WP036	Oak Leaf Trail Development	146,910	117,528		29,382	-	-	400,000	80,000	1,620,000	324,000	-	-
WP039	Washington Park Infrastructure Improvements	-	-	-	-	100,000	100,000	-	-	200,000	200,000	200,000	200,000
WP040	Mitchell Park Domes Spall Repair & Reglazing	600,000	-	600,000	-	682,000	-	-	-	650,000	650,000	1,150,000	1,150,000
WP041	Kulwicki Park - Wildcat Creek Streambank - Construct	-	-	-	-	287,321	143,661	-	-	-	-	-	-
WP042	McCarty Park Changing Room - Construct	383,200	-		383,200		-		-		-		-
WP047	Veterans Park Sheet Piling Planning - Construct	-	-		-		-	180,000	180,000			950,000	950,000
WP049	Boerner Irrigation - Construct	107,302	-		107,302	96,150	96,150	97,450	97,450		-		-
WP050	Parks Infrastructure Improvements	1,391,496	-		1,391,496	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
WP056	Parkway Naturalization Plan -Construct	-	-	-	-	-	-	130,000	130,000	130,000	130,000	120,000	120,000
WP057	Dog Park Phase II	-	-	-	-	160,725	160,725						

Master Spreadsheet

Project Number	Project
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Project Number	Project	2006				2007		2008		2009		2010	
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	Sales Tax/Levy Reserve/PFC/Misc	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT
WP447	South Shore Breakwater/Shoreline Protection/Bike Trail - Construct	2,500,000	-	-	2,500,000	-	-	2,500,000	2,500,000	2,000,000	2,000,000	-	-
Total Parks Projects		6,061,058	117,528	600,000	5,343,530	5,441,256	4,111,996	7,883,328	7,563,328	5,050,000	3,754,000	4,570,000	4,570,000
McKinley Marina			-	-	-								
WP513	McKinley Marina Seawall Improvements - Construct	475,000	-	-	475,000	-	-	-	-	-	-	-	-
Total McKinley Marina		475,000	-	-	475,000	-	-	-	-	600,000	600,000	700,000	700,000
ZOO			-	-	-		-	-	-	-	-	6,620,000	-
WZ00801	Point of Sale Replacement - Construct	-	-	-	-	-	-	-	-	1,000,000	1,000,000	-	-
WZ01301	Zoo Stormwater Management - Construct		-	-	-		-	250,000	250,000	250,000	250,000	250,000	250,000
WZ014	Zoo Infrastructure Improvements	1,495,844	-	-	1,495,844	-	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
WZ01501	Electrical Distribution System Upgrade - Construct	-	-	-	-	816,000	816,000	-	-	-	-	-	-
WZ01601	Pachyderm Area Renovation - Construct	-	-	-	-	-	-	500,000	500,000	3,000,000	3,000,000	10,000,000	4,000,000
WZ	Total Zoo	1,495,844	-	-	1,495,844	816,000	816,000	2,250,000	2,250,000	5,750,000	5,750,000	11,750,000	5,750,000
			-	-	-	-	-	7,643,328	7,643,328	-	-	-	-
WP	Total Department of Parks, Recreation & Culture	8,289,902	117,528	600,000	7,572,374	7,599,202	5,892,732	10,739,328	10,419,328	12,006,000	10,710,000	17,626,000	11,626,000
HEALTH & HUMAN SERVICES			-	-	-		-	-	-	-	-	-	-
DHHS-BEHAVIORAL HEALTH DIVISION			-	-	-		-	-	-	-	-	-	-
WE004	Replace Vanity Counter Tops	-	-	-	-	110,000	110,000	183,333	183,333	220,000	220,000	220,000	220,000
WE023	Refurbish Psychiatric Hospital Walls	-	-	-	-	99,500	-	497,500	-	398,000	-	398,000	-
			-	-	-		-	-	-	-	-	-	-
WE024	Psychiatric Hospital Fire Alarm System	1,149,111	-	-	1,149,111	-	-	-	-	-	-	-	-
WE02701	Air Handling System Upgrade - Construct	-	-	-	-	-	-	-	-	252,000	252,000	252,000	252,000
WE028	Replace Nurse Call System	125,475	-	-	125,475	125,475	125,475	125,475	125,475	250,950	250,950	-	-
WE02901	Behavioral Health Security Improvements	-	-	-	-	-	-	446,400	446,400	-	-	-	-
WE	Total DHHS - Behavioral Health	1,274,586	-	-	1,274,586	334,975	235,475	1,252,708	755,208	1,120,950	722,950	870,000	472,000
COUNTY GROUNDS			-	-	-		-	-	-	-	-	-	-
WG003	County Grounds East Water Tower	-	-	-	-	-	-	-	-	787,500	787,500	1,890,000	1,890,000
WG00901	CATC "A" and "C" Building Radiant Heat - Construct	-	-	-	-	-	-	-	-	180,000	180,000	180,000	180,000
WG010	CATC "C" Building Roof Replacement	670,395	-	-	670,395	-	-	-	-	-	-	-	-
WG01101	Grounds Card Access - Construct	-	-	-	-	-	-	86,105	86,105	-	-	-	-
WG	Total Grounds	670,395	-	-	670,395	-	-	86,105	86,105	967,500	967,500	2,070,000	2,070,000
Coggs Center			-	-	-		-	-	-	-	-	-	-
WS005	Marcia P. Coggs Human Services Building	672,212	-	-	672,212	-	-	-	-	-	-	-	-
WS013	Senior Center Infrastructure Improvements	504,842	-	-	504,842	360,000	360,000	206,380	206,380	103,190	103,190	-	-
			-	-	-		-	-	-	-	-	-	-
Total Department of Health & Human Services		1,177,054	-	-	1,177,054	360,000	360,000	206,380	206,380	103,190	103,190	-	-
			-	-	-		-	-	-	-	-	-	-
Total Health & Human Services		3,122,035	-	-	3,122,035	694,975	595,475	1,545,193	1,047,693	2,191,640	1,793,640	2,940,000	2,542,000
			-	-	-		-	-	-	-	-	-	-

Five-Year Capital Improvements Program (2006-2010)

Master Spreadsheet

12/15/2005

Project Number	Project	2006				2007			2008			2009			2010		
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	Sales Tax/Levy Reserve/PFC/Misc	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT		
GENERAL GOVERNMENT			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COURTHOUSE COMPLEX			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WC013	Criminal Justice Center Deputy Workstations	79,640	-	-	79,640	387,565	387,565	396,011	396,011	-	-	-	-	-	-	-	-
WC014	Courthouse HVAC System	149,500	-	-	149,500	350,000	350,000	590,000	590,000	657,000	657,000	596,000	596,000	596,000	596,000	596,000	596,000
WC016	Courthouse Complex Roof Replacement	937,878	-	12,750	925,128	-	-	-	-	-	-	-	-	-	-	-	-
WC023	CH Complex Automation & Access Control Update	239,000	-	-	239,000	304,800	304,800	-	-	-	-	-	-	-	-	-	-
WC02501	Courthouse Restroom Renovation - Construct	-	-	-	-	-	-	-	-	150,000	150,000	165,050	165,050	165,050	165,050	165,050	165,050
WC02601	Safety Building Restrooms - Construct	-	-	-	-	-	-	100,000	100,000	200,000	200,000	227,000	227,000	227,000	227,000	227,000	227,000
WC027	Courthouse-Light Court Window Replacement	-	-	-	-	220,680	220,680	220,680	220,680	547,800	547,800	700,000	700,000	700,000	700,000	700,000	700,000
WC028	Community Correction Center Infrastructure	260,900	-	3,600	257,300	210,000	210,000	-	-	-	-	-	-	-	-	-	-
WC030	Bulpen Cameras & Courtroom Monitors	-	-	-	-	-	-	70,000	70,000	-	-	-	-	-	-	-	-
WC03101	Radio Console Upgrade in Communications	-	-	-	-	-	-	81,485	81,485	-	-	-	-	-	-	-	-
WC03801	Courthouse Roof Drain Replacement - Construct	-	-	-	-	-	-	100,000	100,000	250,000	250,000	343,000	343,000	343,000	343,000	343,000	343,000
WC040	CJF Inmate Elevator Upgrade	708,324	-	9,650	698,674	-	-	-	-	-	-	-	-	-	-	-	-
WC04601	Courthouse Security Equipment	125,000	-	-	125,000	-	-	-	-	-	-	-	-	-	-	-	-
WC04701	City Campus HVAC	-	-	-	-	-	-	150,000	150,000	300,000	300,000	400,000	400,000	400,000	400,000	400,000	400,000
WC048	Courthouse Annex Demolition & Parking Lot Construction	5,260,000	-	71,400	5,188,600	1,800,000	1,800,000	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WC	Total Courthouse	7,760,242	-	97,400	7,662,842	3,273,045	3,273,045	1,708,176	1,708,176	2,104,800	2,104,800	2,431,050	2,431,050	2,431,050	2,431,050	2,431,050	2,431,050
HOUSE OF CORRECTION			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WJ014	HOC Infrastructure Improvements	246,101	-	-	246,101	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
WJ02101	ACC HVAC System - Construct	-	-	-	-	-	-	-	-	500,000	500,000	-	-	-	-	-	-
WJ032	Replace Boiler Room Condensate	167,300	-	-	167,300	-	-	-	-	-	-	-	-	-	-	-	-
WJ034	Ventilate Tailor Shop - Construct	288,398	-	-	288,398	-	-	-	-	-	-	-	-	-	-	-	-
WJ035	Replace Hot Air Handling Unit Cell	58,296	-	-	58,296	-	-	-	-	-	-	-	-	-	-	-	-
WJ036	New Ground Berm	-	-	-	-	197,750	197,750	-	-	-	-	-	-	-	-	-	-
WJ037	Grade/ Asphalt w/ Perimeter Fence	-	-	-	-	88,600	88,600	-	-	-	-	-	-	-	-	-	-
WJ038	Replace Hot Water Heaters	271,932	-	-	271,932	-	-	-	-	-	-	-	-	-	-	-	-
WJ039	HOC Ice Builder	115,000	-	-	115,000	-	-	-	-	-	-	-	-	-	-	-	-
WJ040	HOC Print Shop	133,800	-	-	133,800	-	-	-	-	-	-	-	-	-	-	-	-
WJ	Total House of Correction	1,280,827	-	-	1,280,827	536,350	536,350	250,000	250,000	750,000	750,000	250,000	250,000	250,000	250,000	250,000	250,000
OTHER COUNTY AGENCIES			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WO00901	Data Warehouse & Reporting	-	-	-	-	-	-	-	-	-	-	500,000	-	-	-	-	-
WO021	Milwaukee County Public Art Program	69,542	-	17,386	52,156	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
WO026	Public Safety Answering Point (formerly Sheriff's 911 Upgrade)	200,000	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WO029	Milwaukee County Historical Society Restoration	1,745,315	-	872,658	872,657	3,540,000	1,770,000	-	-	-	-	-	-	-	-	-	-
WO030	Countywide Access Road Improvement Program	612,665	-	-	612,665	528,600	528,600	1,316,860	1,316,860	2,723,900	2,723,900	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
WO03501	Marcus Center Chill Water Pump - Construct	-	-	-	-	51,240	51,240	-	-	-	-	-	-	-	-	-	-
WO03601	Marcus Center Electrical Substation - Construct	71,700	-	-	71,700	-	-	-	-	-	-	-	-	-	-	-	-
WO037	Marcus Center Ballroom Operable -Construct	-	-	-	-	170,000	170,000	-	-	-	-	-	-	-	-	-	-
WO043	Milwaukee Co. Housing Inclusive Fund	1,000,000	-	1,000,000	-	-	-	-	-	-	-	67,000	67,000	67,000	67,000	67,000	67,000
WO102	Fleet Fencing	-	-	-	-	-	-	-	-	-	-	67,000	67,000	67,000	67,000	67,000	67,000
WO106	Fleet Generator/Transfer Switch - Equipment	-	-	-	-	-	-	230,400	230,400	-	-	-	-	-	-	-	-
WO107	Fleet Window Replacement	-	-	-	-	-	-	218,000	218,000	-	-	-	-	-	-	-	-
WO111	Fleet Truck Wash	-	-	-	-	232,200	232,200	-	-	84,000	84,000	300,000	300,000	300,000	300,000	300,000	300,000
WO112	Total Fleet Equipment Acquisition	2,251,500	-	350,000	1,901,500	3,090,000	3,090,000	3,182,700	3,182,700	3,278,200	3,278,200	3,376,500	3,376,500	3,376,500	3,376,500	3,376,500	3,376,500

Five-Year Capital Improvements Program (2006-2010)

Master Spreadsheet

12/15/2005

Project Number	Project	2006				2007			2008			2009			2010		
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	Sales Tax/Levy Reserve/PFC/Misc	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT	Projected Budget	BOND AMOUNT		
WO201	Enterprise Server	513,048	-	200,000	313,048	6,501,254	1,138,054	895,000	-	895,000	-	1,000,000	-	1,000,000	-		
WO202	Voice and Data Communications Upgrade	-	-	-	-	859,600	859,600	1,000,000	-	1,000,000	-	1,000,000	-	1,000,000	-		
WO204	MPD Remote Booking Project	-	-	-	-	462,000	462,000	-	-	-	-	-	-	-	-		
WO2050	Capital Monitoring Database - Construct	350,000	-	350,000	-	250,000	-	250,000	-	250,000	-	250,000	-	250,000	-		
WO2070	IMS Centralized Records	-	-	-	-	-	-	635,000	-	-	-	-	-	-	-		
WO2080	Relocate Data Center and SP Staff	-	-	-	-	-	-	2,275,000	-	-	-	-	-	-	-		
WO301	Countywide Technical Infrastructure	912,839	-	-	912,839	500,000	-	500,000	-	500,000	-	500,000	-	500,000	-		
WO410	Sheriff Remodel Meeting Room - Construct	-	-	-	-	300,000	300,000	300,000	300,000	300,000	300,000	300,000	-	-	-		
WO411	Mobile Data Computer	125,840	-	-	125,840	165,000	165,000	-	-	-	-	-	-	-	-		
WO4120	Sheriff Automated Vehicle Locator System	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WO4160	Sheriff Quickticket & Quickvoice	-	-	-	-	-	-	-	-	100,000	100,000	-	-	-	-		
WO418	Booking Interface for Municipalities	-	-	-	-	450,000	450,000	450,000	450,000	-	-	-	-	-	-		
WO419	Inmate Property Room Conveyor	150,000	-	-	150,000	150,000	150,000	-	-	-	-	-	-	-	-		
WO500	War Memorial HVAC Replacement	1,378,100	-	-	1,378,100	1,504,000	1,504,000	-	-	-	-	-	-	-	-		
WO501	War Memorial Renovation and Feasibility Study	300,000	-	-	300,000	-	-	-	-	-	-	-	-	-	-		
WO860	Countywide Handicap Accessibility	346,437	-	-	346,437	592,000	592,000	502,000	502,000	502,000	502,000	502,000	-	-	-		
WO8700	County Special Assessments- Design	300,000	-	300,000	-	250,000	-	250,000	-	250,000	-	250,000	-	250,000	-		
WO8720	War Memorial Improvements	-	-	-	-	-	-	684,000	684,000	560,000	560,000	300,000	300,000	300,000	300,000		
Other County Agencies Total		10,326,986	200,000	3,090,044	7,036,942	19,695,894	11,562,694	12,863,960	7,058,960	10,543,100	7,648,100	8,643,500	5,143,500	5,143,500	5,143,500		
		-										9,520,000					
WO	Total General Government	19,368,055	200,000	3,187,444	22,224,681	23,505,289	15,372,089	14,822,136	9,017,136	13,397,900	10,502,900	11,324,550	7,824,550	7,824,550	7,824,550		
	Grand Total Capital Improvements	86,741,136	16,092,556	5,875,742	64,772,838	62,441,076	28,693,393	80,113,767	31,529,101	66,042,053	28,543,545	62,745,682	29,549,682	29,549,682	29,549,682		
	Total Excluding Airports	45,910,686	10,935,588	3,787,444	31,187,654	58,615,276	27,970,593	63,856,067	29,841,401	51,660,440	28,020,120	62,215,550	29,019,550	29,019,550	29,019,550		